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Petroleum Statement, Monthly

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

January 1980

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Production of crude petroleum (including lease condensate) in the United States* during January averaged 8,648,000 barrels per day, an increase of 61,000 barrels per day above the December level, reports the Energy Information Administration, United States Department of Energy. Compared with January of last year, this represented an increase of 191,000 barrels per day, or 2.3 percent. Imports of crude oil for the month of January averaged 6,359,000 barrels per day, representing an increase of 86,000 barrels per day above the December 1979 level and a decrease of 502,000 barrels per day, or 7.3 percent below the amount reported for January 1979. There were no imports of crude oil into the Strategic Petroleum Reserve during January 1980. Stocks of crude oil at the end of January totaled 444,802,000 barrels as compared with 430,271,000 barrels at the end of the previous month and 375,870,000 barrels at the end of January 1979. At the end of January, stocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during January was 14,629,000 barrels per day. This figure reflects a decrease of 591,000 barrels per day, or 3.9 percent below that reported for December 1979 and a decrease of 448,000 barrels per day, or 3.0 percent below the January 1979 level. The operating ratio of all refineries in the United States* during January averaged 81.5 percent of the total operable crude oil distillation capacity. This compares with 85.3 percent in December 1979 and 86.5 percent in January 1979. These ratios are based upon the beginning-of-the-month operable capacities of 17,948,000 barrels per day for January, 17,850,000 barrels per day for December 1979, and 17,440,000 barrels per day for January 1979.

Production of products at natural gas processing plants during January averaged 1,647,000 barrels per day compared with 1,643,000 barrels per day for the previous month and 1,748,000 barrels per day during January 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of January totaled 101,531,000 barrels. This was 14.4 million barrels below the stocks on December 1979 and 11.3 million barrels below those at the end of January 1979.

Total disposition of primary supply of all oils in January averaged 19,063,000 barrels per day. It included 18,509,000 barrels per day of products supplied for domestic use, crude oil exports of 311,000 barrels per day, refined products exports of 228,000 barrels per day, and crude oil losses of 15,000 barrels per day. Compared with January of last year, total products supplied for domestic use decreased by 2,148,000 barrels per day, or 10.4 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 34, 20, and 15 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 513.6 for January 1980, compared with 470.8 for December 1979 and 316.4 for January 1979 reports the Bureau of Labor Statistics publication, "Producer Price Indexes-January 1980." The unadjusted producer price index for refined products was 582.4 for January 1980, compared with 554.8 for December 1979, and 343.7 for January 1979.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Prepared in the Office of Oil and Gas Statistics.

Released for Printing: June 5, 1980.

TABLE 1. - Supply, disposition, and stocks of all oils

Item	January 1980		December 1979		January 1979
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D
Domestic production:					
Crude oil	255,825	8,252	253,916	8,191	8,102
Lease condensate	12,261	396	12,277	396	355
Natural gas plant liquids	51,060	1,647	50,943	1,643	1,748
Imports:					
Crude oil[1]	197,137	6,359	194,457	6,273	6,861
Unfinished oils	3,473	112	3,092	100	42
Natural gasoline	-	-	10	(s)	-
Plant condensate	579	19	453	15	15
Refined products	57,409	1,852	67,889	2,190	2,165
Other hydrocarbons and hydrogen refinery input	1,996	64	1,873	60	36
Total new supply	579,740	18,701	584,910	18,868	19,323
Unaccounted for crude oil[2]	-1,547	-50	-2,256	-73	-481
Processing gain	18,587	600	18,128	585	447
Total supply	596,780	19,251	600,782	19,380	19,290
Change in stocks, all oils	+5,832	+188	+3,383	+109	-1,772
Total disposition of primary supply	590,948	19,063	597,399	19,271	21,062
Exports:					
Crude oil	9,635	311	6,521	210	177
Refined products[3]	7,079	228	8,116	262	212
Crude losses	468	15	489	16	16
Products Supplied for Domestic Use:					
Gasoline, total	197,236	6,362	208,306	6,720	6,915
Motor gasoline	196,398	6,335	207,393	6,690	6,893
Aviation gasoline	838	27	913	29	22
Jet fuel, total	34,145	1,101	33,931	1,095	1,100
Naphtha-type	6,333	204	6,384	206	183
Kerosene-type	27,812	897	27,547	889	917
Ethane (including ethylene)	12,523	404	11,220	362	377
Liquefied gases	49,688	1,603	46,048	1,485	1,802
Kerosene	7,400	239	6,821	220	331
Distillate fuel oil	115,680	3,732	115,378	3,722	4,543
Residual fuel oil	88,827	2,865	92,270	2,976	3,550
Petrochemical feedstocks[4]	25,446	821	22,685	732	575
Special naphthas	3,356	108	2,938	95	115
Lubricants	5,427	175	4,333	140	167
Wax	481	16	450	15	18
Coke	7,592	245	7,576	244	239
Asphalt	5,732	185	8,696	281	195
Road oil	54	2	141	5	1
Still gas	16,365	528	16,765	541	569
Miscellaneous products	3,743	121	4,596	148	157
Natural gasoline[6]	69	2	116	4	3
Unfractionated stream (including Plant condensate	2	(s)	3	(s)	(s)
Total	573,766	18,509	582,273	18,783	20,657
Stocks all oils:					
Crude oil and lease condensate[5]	444,802	---	430,271	---	375,870*
Unfinished oils	112,343	---	117,652	---	107,550*
Natural gasoline[6]	9,108	---	9,893	---	6,026*
Unfractionated stream (including Plant condensate)	4,185	---	4,412	---	4,191*
Refined products	777,449	---	779,827	---	733,534*
Total	1,347,887	---	1,342,055	---	1,227,171*

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Form ERA-182; Bureau of the Census publications IM 145, EM 522 and FT 800; State Conservation Agencies; and the U.S. Geological Survey.

* Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

[1] Imports of crude oil include some Athabasca hydrocarbons. Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 0.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[3] Exports to noncontiguous territories are estimated; Department of Commerce data not available.

[4] Produced at petroleum refineries. Ethane and liquefied gases used for petrochemical feedstocks are excluded. Data for these products for petrochemical feedstock use are included under the items "Ethane" and "Liquefied gases."

[5] Includes crude oil located in the Strategic Petroleum Reserve: Current month, 91,191.

[6] Includes isopentane.

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TABLE 2. - Comparative supply and disposition statistics

Item	January 1980		December 1979		January 1979
	1,000 Bbls.	1,000 B/D	1,000 Bbla.	1,000 B/D	1,000 B/D
Gross input to crude oil distillation units.	453,486	14,629	471,812	15,220	15,077
Isopentane:					
Production	591	19	601	19	18
Stocks at plants	231	---	308	---	68*
Used at refineries	668	22	602	19	17
Supplied for domestic use	-	-	-	-	-
Natural gasoline:					
Production	8,456	273	8,682	280	313
Stocks, total	8,877	---	9,585	---	5,958*
At refineries	512	---	997	---	1,659*
At plants	8,365	---	8,588	---	4,299*
Imports	-	-	10	(s)	-
Used at refineries	9,095	293	8,590	277	327
Supplied for domestic use	69	2	116	4	3
Unfractionated stream (including Plant condensate):					
Production	2,070	67	707	23	102
Stocks, total	4,185	---	4,412	---	4,191*
At refineries	268	---	218	---	472*
At plants	3,917	---	4,194	---	3,719*
Imports	579	19	453	15	15
Used at refineries	2,874	93	879	28	116
Supplied for domestic use	2	(s)	3	(s)	(s)
Finished gasoline:					
Production, total	217,470	7,015	217,214	7,007	7,317
At refineries	217,003	7,000	216,664	6,989	7,298
At gas processing plants	467	15	550	18	18
Stocks, total	264,938	---	240,340	---	258,880*
At refineries	264,721	---	240,159	---	258,684*
At plants	217	---	181	---	196*
Imports	4,382	141	8,160	263	179
Exports	18	1	23	1	2
Supplied for domestic use	197,236	6,362	208,306	6,720	6,915
Motor gasoline:					
Production, total	216,684	6,990	216,285	6,977	7,289
At refineries	216,276	6,977	215,814	6,962	7,272
At gas processing plants	408	13	471	15	17
Stocks, total	262,271	---	237,621	---	255,791*
At refineries	262,134	---	237,503	---	255,664*
At plants	137	---	118	---	127*
Imports	4,382	141	8,160	263	179
Exports	18	1	23	1	2
Supplied for domestic use	196,398	6,335	207,393	6,690	6,893
Aviation gasoline:					
Production, total	786	25	929	30	28
At refineries	727	23	850	27	27
At gas processing plants	59	2	79	3	1
Stocks, total	2,667	---	2,719	---	3,089*
At refineries	2,587	---	2,656	---	3,020*
At plants	80	---	63	---	69*
Imports	-	-	-	-	-
Supplied for domestic use	838	27	913	29	22
Jet fuel, total:					
Production	31,118	1,004	33,098	1,068	950
Stocks	38,412	---	38,520	---	31,993*
Imports	2,956	95	3,350	108	97
Exports	37	1	55	2	1
Supplied for domestic use	34,145	1,101	33,931	1,095	1,100
Naphtha-type:					
Production, total	5,385	174	5,967	192	168
At refineries	5,385	174	5,967	192	168
At gas processing plants	-	-	-	-	-
Stocks, total	5,585	---	5,594	---	6,252*
At refineries	5,585	---	5,594	---	6,252*
At plants	-	---	-	---	-*
Imports	955	31	1,155	37	24
Exports	16	1	-	-	-
Supplied for domestic use	6,333	204	6,384	206	183
Kerosene-type:					
Production	25,733	830	27,131	875	783
Stocks	32,827	---	32,926	---	25,741*
Imports	2,001	65	2,195	71	72
Exports	21	1	55	2	1
Supplied for domestic use	27,812	897	27,547	889	917

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	January 1980		December 1979		January 1979
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D
Ethane (including ethylene):					
Production, total	9,578	309	9,995	322	342
At refineries	225	7	248	8	10
At gas processing plants	9,353	302	9,747	314	332
Stocks, total	4,412	---	5,758	---	7,067*
At refineries	-	---	-	---	-*
At plants	4,412	---	5,758	---	7,067*
Imports	1,600	52	1,359	44	42
Exports	1	(s)	-	-	-
Supplied for domestic use, total	12,523	404	11,220	362	377
Refinery ethane/ethylene	225	7	248	8	10
Plant ethane	12,298	397	10,972	354	367
Liquefied gases:					
Production, total	40,112	1,294	40,817	1,317	1,287
At refineries (L.R.G.), total	10,268	331	10,382	335	327
For fuel use	7,450	240	7,363	238	218
For chemical use	2,818	91	3,019	97	109
At gas processing plants (L.P.G.)	29,844	963	30,435	982	959
Stocks, total	92,296	---	105,233	---	106,437*
L.R.G., total	5,993	---	6,000	---	6,568*
For fuel use	5,848	---	5,876	---	6,349*
For chemical use	145	---	124	---	219*
L.P.G., total	86,303	---	99,233	---	99,869*
At refineries	2,074	---	2,429	---	2,635*
At plants	84,229	---	96,804	---	97,234*
Imports	6,574	212	6,641	214	199
Exports	923	30	677	22	12
L.P.G. used at refineries	9,012	291	9,464	305	303
Supplied for domestic use, total	49,688	1,603	46,048	1,485	1,802
L.R.G. for fuel use	7,478	241	7,490	242	244
L.R.G. for chemical use	2,797	90	3,042	98	111
L.P.G. for fuel and chemical use	39,413	1,271	35,516	1,146	1,448
Propane (including propylene):					
Production, total	23,021	743	23,727	765	764
At refineries, total	8,910	287	8,945	289	263
For fuel use	6,670	215	6,567	212	187
For chemical use	2,240	72	2,378	77	76
At gas processing plants	14,111	455	14,782	477	501
Stocks, total	53,880	---	63,890	---	72,302*
Refinery propane/propylene, total	4,189	---	4,144	---	4,616*
For fuel use	4,062	---	4,037	---	4,421*
For chemical use	127	---	107	---	195*
Plant propane, total	49,691	---	59,746	---	67,686*
At refineries	179	---	140	---	478*
At plants	49,512	---	59,606	---	67,208*
Imports	3,835	124	3,526	114	120
Exports	432	14	410	13	7
Plant propane used at refineries	346	11	451	15	11
Supplied for domestic use, total	36,088	1,164	31,100	1,003	1,245
Refinery propane/propylene, total	8,865	286	8,984	290	280
For fuel use	6,645	214	6,583	212	203
For chemical use	2,220	72	2,401	77	78
Plant propane	27,223	878	22,116	713	964
Butane (including butylene):					
Production, total	7,282	235	7,599	245	242
At refineries, total	1,003	32	1,072	35	46
For fuel use	516	17	561	18	19
For chemical use	487	16	511	16	27
At gas processing plants	6,279	203	6,527	211	196
Stocks, total	22,074	---	25,284	---	16,648*
Refinery butane/butylene, total	1,496	---	1,511	---	1,821*
For fuel use	1,486	---	1,504	---	1,807*
For chemical use	10	---	7	---	14*
Plant butane, total	20,578	---	23,773	---	14,827*
At refineries	1,058	---	1,472	---	835*
At plants	19,520	---	22,301	---	13,992*
Imports	2,295	74	1,963	63	54
Exports	491	16	267	9	4
Plant butane used at refineries	5,502	177	5,305	171	160
Supplied for domestic use, total	6,794	219	7,338	237	313
Refinery butane/butylene, total	1,018	33	1,195	39	55
For fuel use	534	17	680	22	28
For chemical use	484	16	515	17	27
Plant butane	5,776	186	6,143	198	258

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	January 1980		December 1979		January 1979
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D
Liquefied gases (continued):					
Butane-propane mixture:					
Production, total	372	12	326	11	17
At refineries, total	274	9	235	8	14
For fuel use	264	9	235	8	12
For chemical use	10	(s)	-	-	1
At gas processing plants	98	3	91	3	3
Stocks, total	1,818	---	1,718	---	1,320*
Refinery butane-propane mixture, total	301	---	336	---	122*
For fuel use	300	---	335	---	121*
For chemical use	1	---	1	---	1*
Plant butane-propane mixture, total	1,517	---	1,382	---	1,198*
At refineries	8	---	7	---	14*
At plants	1,509	---	1,375	---	1,184*
Imports	444	14	1,152	37	24
Plant butane-propane mixture used at refineries	184	6	219	7	12
Supplied for domestic use, total	532	17	1,490	48	37
Refinery butane-propane mixture, total	309	10	227	7	15
For fuel use	299	10	227	7	13
For chemical use	10	(s)	-	-	1
Plant butane-propane mixture	223	7	1,263	41	23
Ethane-propane mixture:					
Production	6,267	202	5,828	188	160
Stocks	5,393	---	5,317	---	8,682*
Imports	-	-	-	-	-
Supplied for domestic use	6,191	200	5,994	193	203
Isobutane:					
Production, total	3,170	102	3,337	108	104
At refineries	81	3	130	4	4
At gas processing plants	3,089	100	3,207	103	99
Stocks, total	9,131	---	9,024	---	7,485*
Refinery isobutane	7	---	9	---	9*
Plant isobutane, total	9,124	---	9,015	---	7,476*
At refineries	829	---	810	---	1,308*
At plants	8,295	---	8,205	---	6,168*
Plant isobutane used at refineries	2,980	96	3,489	113	120
Supplied for domestic use:					
Refinery isobutane for chemical use	83	3	126	4	4
Kerosene (including range oil):					
Production, total	5,148	166	6,057	195	225
At refineries	5,144	166	6,053	195	225
At gas processing plants	4	(s)	4	(s)	(s)
Stocks, total	14,044	---	15,824	---	11,456*
At refineries	14,042	---	15,821	---	11,453*
At plants	2	---	3	---	3*
Imports	473	15	669	22	13
Exports	1	(s)	5	(s)	(s)
Supplied for domestic use	7,400	239	6,821	220	331
Distillate fuel oil:					
Production, total	93,734	3,024	100,404	3,239	3,005
At refineries	93,721	3,023	100,387	3,238	3,005
At gas processing plants	13	(s)	17	1	(s)
Crude used directly as distillate	44	1	46	1	1
Stocks, total	212,144	---	228,723	---	175,709*
At refineries, total	212,126	---	228,706	---	175,695*
No. 4 fuel oil	3,866	---	4,234	---	4,561*
Other	208,260	---	224,472	---	171,134*
At plants	18	---	17	---	14*
Imports	5,538	179	7,109	229	226
Exports	215	7	32	1	1
Supplied for domestic use	115,680	3,732	115,378	3,722	4,543
Residual fuel oil:					
Production	54,756	1,766	58,247	1,879	1,907
Crude used directly as residual	429	14	312	10	14
Stocks	97,153	---	95,859	---	81,997*
Imports	235,085	1,132	39,437	1,272	1,371
Exports	149	5	503	16	6
Supplied for domestic use	88,827	2,865	92,270	2,976	3,550
Petrochemical feedstocks (excluding ethane and liquefied gases)[1]:					
Production	26,243	847	23,334	753	598
Stocks	4,051	---	3,995	---	4,332*
Imports, total	353	11	345	11	11
Naphtha-400	-	-	-	-	-
Other	353	11	345	11	11
Exports, total	1,094	35	1,111	36	39
Naphtha-400	964	31	191	6	3
Other	130	4	920	30	36
Supplied for domestic use, total	25,446	821	22,685	732	575
Still gas	1,603	52	1,410	45	35
Naphtha-400	7,651	247	7,990	258	207
Other	16,192	522	13,285	429	333

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	January 1980		December 1979		January 1979
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D
Special naphthas:					
Production, total	3,324	107	3,609	116	100
At refineries	3,160	102	3,496	113	98
At gas processing plants	164	5	113	4	2
Stocks, total	4,231	---	4,258	---	4,195*
At refineries	4,133	---	4,196	---	4,139*
At plants	98	---	62	---	56*
Imports	34	1	22	1	18
Exports	29	1	150	5	1
Supplied for domestic use	3,356	108	2,938	95	115
Lubricants:					
Production	5,672	183	6,025	194	187
Stocks	12,410	---	12,549	---	12,498*
Imports	255	8	244	8	5
Exports, total	639	21	1,002	32	17
Grease	18	1	35	1	1
Oil	621	20	967	31	16
Supplied for domestic use	5,427	175	4,333	140	167
Wax (1 bbl. = 280 lbs.):					
Production	510	16	594	19	18
Stocks	720	---	731	---	708*
Imports	-	-	-	-	-
Exports	40	1	92	3	2
Supplied for domestic use	481	16	450	15	18
Coke (5 bbls. = 1 short ton):					
Production, total	11,488	371	11,976	386	371
Marketable coke	6,276	202	6,724	217	195
Catalyst coke	5,212	168	5,252	169	176
Stocks	5,189	---	5,210	---	11,113*
Exports	3,917	126	4,443	143	130
Supplied for domestic use	7,592	245	7,576	244	239
Asphalt (5.5 bbls. = 1 short ton):					
Production	9,996	322	11,377	367	291
Stocks	23,345	---	19,041	---	23,815*
Imports	46	1	46	1	-
Exports	6	(s)	10	(s)	(s)
Supplied for domestic use	5,732	185	8,696	281	195
Road oil:					
Production	143	5	249	8	2
Stocks	433	---	344	---	255*
Supplied for domestic use	54	2	141	5	1
Still gas for fuel:					
Production	16,365	528	16,765	541	569
Miscellaneous products:					
Production, total	3,869	125	4,255	137	132
At refineries	3,771	122	4,168	134	128
At gas processing plants	98	3	87	3	3
Stocks, total	3,671	---	3,442	---	3,079*
At refineries	3,629	---	3,404	---	2,931*
At plants	42	---	38	---	148*
Imports	113	4	507	16	4
Exports	10	(s)	13	(s)	(s)
Supplied for domestic use	3,743	121	4,596	148	157
Unfinished oils (net):					
Input (plus) Output (minus)	+8,782	+283	+4,214	+136	+79
Stocks	112,343	---	117,652	---	107,550*
Imports	3,473	112	3,092	100	42

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and FT 800.

* Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.
"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 187.

TABLE 3. - Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	January 1980		December 1979	January 1979
	Total	Daily Av.	Daily Av.	
District I:				
Florida	3,806	122.8	125.2	3,982
New York	*72	2.3	2.2	68
Pennsylvania	*316	10.2	9.8	319
Virginia	-	-	-	-
West Virginia	*174	5.6	6.9	174
Total	*4,368	140.9	144.1	4,543
District II:				
Illinois	1,935	62.4	61.3	1,850
Indiana	*363	11.7	13.0	363
Kansas	*4,957	159.9	158.8	4,203
Kentucky	412	13.3	15.6	396
Michigan	*2,170	70.0	101.5	2,931
Missouri	*4	0.1	0.1	6
Nebraska	503	16.2	16.1	483
North Dakota	2,990	96.5	95.6	2,222
Ohio	*1,063	34.3	33.1	1,057
Oklahoma	12,574	405.6	394.5	12,123
South Dakota	64	2.1	2.2	69
Tennessee	49	1.6	1.5	46
Total	*27,084	873.7	893.3	25,749
District III:				
Alabama	1,836	59.2	58.5	1,671
Arkansas	1,564	50.5	52.2	1,543
Louisiana, total	41,981	1,354.2	1,348.3	41,389
Gulf Coast	39,220	1,265.2	1,258.6	38,664
Rest of State	2,761	89.1	89.7	2,725
Mississippi	3,308	106.7	104.3	3,228
New Mexico, total	6,681	215.5	218.6	6,551
Southeastern	6,179	199.3	200.9	6,059
Northwestern	502	16.2	17.7	492
Texas, total	83,510	2,693.9	2,712.9	86,960
District 01	1,690	54.5	51.8	1,683
District 02	4,245	136.9	135.0	4,601
District 03	9,916	319.9	325.3	11,034
District 04	2,685	86.6	87.0	2,685
District 05	947	30.5	29.8	1,061
District 06, except East Texas	4,483	144.6	144.0	4,653
East Texas	5,017	161.8	163.3	5,163
District 07B	2,359	76.1	77.0	2,374
District 07C	2,708	87.4	86.9	2,540
District 08	20,575	663.7	671.4	20,986
District 08A	24,459	789.0	797.0	26,031
District 09	2,837	91.5	91.6	2,682
District 10	1,589	51.3	52.7	1,467
Total	138,880	4,480.0	4,494.7	141,342
District IV:				
Colorado	2,530	81.6	85.4	2,846
Montana	2,591	83.6	84.6	2,446
Utah	*1,960	63.2	70.2	2,368
Wyoming	*10,500	338.7	322.6	10,887
Total	*17,581	567.1	562.8	18,547
District V:				
Alaska[2]	50,666	1,634.4	1,520.0	41,883
Arizona	41	1.3	1.5	39
California, total	29,372	947.5	967.5	29,956
South	7,150	230.6	235.1	7,706
Central Coastal	5,162	166.5	166.1	5,247
East Central	17,043	549.8	565.7	16,982
North	17	0.5	0.6	21
Nevada	94	3.0	2.9	100
Total	80,173	2,586.2	2,492.0	71,978
**United States, total	*268,086	8,647.9	8,586.9	262,159
Pennsylvania Grade (included above)	*1,264	40.8	41.1	1,272

Sources: ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

[1] Includes offshore production.

[2] North Slope Production: Current month, 47,338.

* Estimate.

**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State[1]

(Thousands of barrels)

State	January 1980		December 1979	January 1979
	Total	Daily Av.	Daily Av.	
Alaska[2]	2,963	95.6	95.5	3,529
California, total	5,210	168.1	140.9	4,477
Federal	903	29.1	28.7	970
State	4,307	138.9	112.2	3,507
Louisiana, total	25,736	830.2	826.0	24,371
Federal	23,347	753.1	749.0	21,879
State	2,389	77.1	77.0	2,492
Texas, total	711	22.9	22.5	415
Federal	495	16.0	14.8	204
State	216	7.0	7.6	211
*United States, total	34,620	1,116.8	1,084.9	32,792

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundaries.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 4. - Production of lease condensate by State[1]

(Thousands of barrels)

State	January 1980		December 1979	January 1979
	Total	Daily Av.	Daily Av.	
Alabama	996	32.1	29.6	731
California	19	0.6	0.6	19
Louisiana	6,676	215.4	218.1	6,306
Mississippi	*151	4.9	5.1	123
New Mexico	473	15.3	15.7	373
Oklahoma	*552	17.8	19.1	458
Texas	3,394	109.5	107.9	2,994
Total	*12,261	395.5	396.0	11,004

Sources: State Conaervation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrela)

Supply and Oisposition	January 1980		December 1979	January 1979
	Total	Laily Av.	Daily Av.	
Supply:				
Production	*268,086	8,648	8,587	262,159
Imports	197,137	6,359	6,273	212,681
Total new supply	*465,223	15,007	14,860	474,840
Stock changes:				
Domestic crude	+14,282	+461	-142	-2,674
Foreign crude	+249	+8	-126	+1,769
Unaccounted for[1]	-1,547	-50	-73	-14,897
Disposition by use, total	449,145	14,489	15,054	460,848
Refinery inputs, domestic crude	244,883	7,899	8,365	249,973
Refinery inputs, foreign crude	193,686	6,248	6,452	204,434
Exports	9,635	311	210	5,484
Transfers	473	15	12	473
Losses	468	15	16	484

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522 and FT 800; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifiea that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	January 1980		Oecember 1979	January 1979
	Total	Daily Av.	Daily Av.	
District I:				
Florida	3,849	124.2	139.8	4,939
New York	73	2.4	2.3	68
Pennsylvania	175	5.6	11.1	372
Virginia	-	-	-	-
West Virginia	177	5.7	6.3	193
Total	4,274	137.9	159.5	5,572
District II:				
Illinois	1,844	59.5	63.0	2,152
Indiana	397	12.8	11.5	469
Kansas	4,442	143.3	173.3	4,262
Kentucky	396	12.8	14.6	480
Michigan	1,935	62.4	96.7	3,047
Missouri	4	0.1	0.1	6
Nebraska	580	18.7	11.5	558
North Oakota	2,915	94.0	92.3	2,243
Ohio	973	31.4	33.4	1,263
Oklahoma	13,270	428.1	334.5	13,463
South Dakota	64	2.1	2.2	69
Tennessee	49	1.6	1.5	45
Total	26,869	866.7	834.4	28,057
Oistrict III:				
Alabama	1,808	58.3	59.9	1,365
Arkansas	1,665	53.7	53.5	1,587
Louisiana	40,354	1,301.7	1,375.4	40,786
Mississippi	2,191	70.7	103.3	3,467
New Mexico	6,500	209.7	219.8	6,862
Texas	79,635	2,568.9	2,842.7	86,776
Total	132,153	4,263.0	4,654.6	140,843
District IV:				
Colorado	2,709	87.4	85.8	2,728
Montana	2,152	69.4	78.2	2,428
Utah	1,779	57.4	69.1	2,349
Wyoming	9,175	296.0	326.1	9,600
Total	15,815	510.2	559.2	17,105
Oistrict V:				
Alaska	46,031	1,484.9	1,542.3	43,719
Arizona	41	1.3	1.5	37
California	28,530	920.3	974.1	29,394
Nevada	91	2.9	3.0	106
Total	74,693	2,409.5	2,520.8	73,256
*United State:				
Oomestic crude	253,804	8,187.2	8,728.6	264,833
Foreign crude	196,888	6,351.2	6,398.4	207,972
Total	450,692	14,538.5	15,127.0	472,805
Pennaylvania Grade (included above)	999	32.2	43.1	1,513

Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the Oistrict of Columbia.

Note: Oaily Average columns may not add due to independent rounding.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	January 31, 1980	December 31, 1979	January 31, 1980				December 31, 1979
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland	-	-	1,055	-	-	1,055	1,706
Florida, Georgia, NC, VA, W. VA.	2,256	2,302	1,763	629	47	2,439	2,976
New Hampshire, New York, Rhode Island.	3	4	764	1,502	-	2,266	2,235
New Jersey	-	-	7,762	-	-	7,762	4,570
Pennsylvania	610	469	6,350	1,445	115	7,910	8,740
Total	2,869	2,775	17,694	3,576	162	21,432	20,227
District II:							
Illinois	2,182	2,091	5,394	17,094	74	22,562	20,595
Indiana	421	455	1,348	2,608	2	3,958	4,040
Iowa, Missouri, Nebraska	408	485	416	6,655	28	7,099	8,015
Kansas	4,741	4,226	2,640	7,306	245	10,191	9,450
Kentucky, Tennessee	263	247	1,146	3,827	10	4,983	4,535
Michigan	2,807	2,572	974	2,416	133	3,523	3,440
Minnesota, Wisconsin	-	-	2,605	3,003	-	5,608	5,284
North Dakota, South Dakota	1,999	1,924	262	1,047	132	1,441	1,399
Ohio	2,186	2,096	2,666	4,138	100	6,904	6,024
Oklahoma	14,518	15,214	2,016	23,466	726	26,208	24,514
Total	29,525	29,310	19,467	71,560	1,450	92,477	87,296
District III:							
Alabama	412	384	1,001	863	40	1,904	1,754
Arkansas	831	932	188	1,120	66	1,374	1,571
Louisiana	27,241	25,614	19,504	71,749	2,060	93,313	95,598
Mississippi	3,084	1,967	2,385	5,203	167	7,755	8,292
New Mexico	8,204	8,023	493	2,981	1,588	5,062	5,074
Texas	99,974	96,099	29,193	102,338	11,401	142,932	138,283
Total	139,746	133,019	52,764	[1]184,254	15,322	[2]252,340	250,572
District IV:							
Colorado	1,573	1,752	334	767	178	1,279	1,224
Montana	3,435	2,996	805	1,717	382	2,904	2,722
Utah	1,437	1,256	656	906	290	1,852	1,732
Wyoming	19,970	18,645	1,423	9,495	416	11,334	10,858
Total	26,415	24,649	3,218	12,885	1,266	17,369	16,536
District V:							
California	21,759	20,917	22,358	13,960	1,225	37,543	32,718
Other States [3]	40,239	35,601	7,329	16,271	41	23,641	22,922
Total	61,998	56,518	29,687	30,231	1,266	61,184	55,640
*United States:							
Domestic crude	[4]260,553	246,271	66,253	174,834	19,466	260,553	246,271
Foreign crude	184,249	184,000	56,577	127,672	-	[5]184,249	184,000
Total	444,802	430,271	122,830	302,506	19,466	444,802	430,271

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 158,911 located in Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 1,914 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 14,949; District II, 23,388; District III, 134,721; District IV, 810; District V, 10,381.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: January 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast	42.7	-	0.4	26.7	16.3	4.8	9.1
Appalachian # 1	39.0	0.4	1.7	25.8	9.7	3.2	20.2
Appalachian # 2	50.1	0.2	3.9	20.3	8.1	-	17.4
Indiana, Illinois, etc	53.7	0.5	1.3	21.8	6.9	5.2	10.6
Minnesota, Wisconsin, etc	37.5	-	0.5	31.9	8.0	1.9	20.2
Oklahoma, Kansas, etc	52.7	0.6	0.1	26.8	4.5	3.9	11.4
Texas Inland	45.1	0.9	0.3	21.8	9.0	8.3	14.6
Texas Gulf	36.8	1.4	1.9	17.8	10.7	6.7	24.7
Louisiana Gulf	41.5	0.5	1.6	21.1	10.6	8.6	16.1
Arkansas, Louisiana Inland, etc	23.3	6.0	1.1	25.8	16.6	4.1	23.1
New Mexico	34.7	-	6.0	28.6	13.4	7.1	10.2
Rocky Mountain	46.9	-	0.7	28.8	7.8	6.1	9.7
West Coast	41.4	0.5	0.5	13.9	24.0	11.3	8.4
*U.S. Totals:							
January 1980	43.2	0.7	1.1	20.9	12.2	7.0	14.9
December 1979	42.1	0.8	1.3	21.7	12.6	7.1	14.4
January 1979	44.1	0.7	1.5	20.4	12.9	6.5	13.9

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: January 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United States*
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	44,106	5,257	49,363	1,843	69,420	8,888	31,453	111,604	13,793	98,747	70,146	5,811	2,617	191,114	14,203	72,285	438,569
Domestic	2,109	3,084	5,193	494	37,157	3,108	23,466	64,225	12,487	45,200	40,185	4,989	2,453	105,314	12,012	58,139	244,883
Foreign	41,997	2,173	44,170	1,349	[1]32,263	5,780	7,987	[1]47,379	1,306	53,547	29,961	822	164	85,800	2,191	14,146	[1]193,686
Unfinished oils rerun (net)	+2,691	+109	+2,800	+54	+1,869	+40	+5	+1,968	+788	+896	+1,707	+152	-211	+3,332	+361	+321	+8,782
Total crude and unfin. rerun	46,797	5,366	52,163	1,897	71,289	8,928	31,458	113,572	14,581	99,643	71,853	5,963	2,406	194,446	14,564	72,606	447,351
Natural gas liquids, total	154	28	182	135	3,087	966	2,119	6,307	658	9,607	2,406	618	120	13,409	464	1,287	21,649
L.P.G.	24	26	50	135	2,361	500	1,201	4,197	366	1,647	1,591	124	41	3,769	312	684	9,012
Natural gasoline	130	-	130	-	617	448	876	1,941	260	6,028	716	168	79	7,251	124	317	9,763
Unfractionated stream	-	2	2	-	109	18	42	169	32	1,932	99	326	-	2,389	28	286	2,874
Other hydrocarbons	83	24	107	-	92	-	28	120	-	740	590	-	-	1,330	-	439	1,996
Output																	
Gasoline, total	20,201	2,143	22,344	1,085	41,434	4,315	18,713	65,547	7,239	46,984	32,849	2,009	956	90,037	7,289	31,786	217,003
Motor gasoline	20,195	2,143	22,338	1,085	41,352	4,315	18,684	65,436	7,186	46,694	32,769	2,009	956	89,614	7,271	31,617	216,276
Aviation gasoline	6	-	6	-	82	-	29	111	53	290	80	-	-	423	18	169	727
Jet fuel, total	2,244	172	2,416	-	3,697	166	1,238	5,101	1,211	6,695	6,214	247	172	14,539	891	8,171	31,118
Naphtha-type	843	82	925	-	330	54	444	828	467	539	390	186	132	1,714	396	1,522	5,385
Kerosene-type	1,401	90	1,491	-	3,367	112	794	4,273	744	6,156	5,824	61	40	12,825	495	6,649	25,733
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	123	40	-	-	163	-	62	225
L.R.G., total	1,311	105	1,416	26	1,851	124	655	2,656	385	2,565	1,804	79	48	4,881	167	1,148	10,268
For fuel use	816	105	921	-	1,534	124	615	2,273	361	1,275	1,401	58	48	3,143	166	947	7,450
For chemical use	495	-	495	26	317	-	40	383	24	1,290	403	21	-	1,738	1	201	2,818
Kerosene	197	92	289	74	950	46	21	1,091	39	1,916	1,168	63	145	3,331	103	330	5,144
Distillate fuel oil	12,475	1,385	13,860	386	15,575	2,851	8,429	27,241	3,183	17,776	15,174	1,539	689	38,361	4,191	10,068	93,721
Residual fuel oil	7,612	521	8,133	153	4,910	713	1,411	7,187	1,319	10.688	7,588	990	323	20,908	1,135	17,393	54,756
Petrochemical feedstocks, total	897	13	910	-	1,804	2	204	2,010	701	16,995	5,083	76	-	22,855	7	461	26,243
Still gas	37	13	50	-	152	-	76	228	4	1,204	92	-	-	1,300	-	25	1,603
Naphtha-400°	468	-	468	-	458	2	123	583	344	5,577	1,409	29	-	7,359	7	194	8,611
Other	392	-	392	-	1,194	-	5	1,199	353	10,214	3,582	47	-	14,196	-	242	16.029
Special naphthas	8	24	32	3	359	-	179	541	137	1,368	338	355	-	2,198	1	388	3,160
Lube oil, total	587	295	882	-	405	-	446	851	26	2,542	666	167	-	3,401	5	533	5,672
Bright stock	80	138	218	-	32	-	19	51	-	146	41	-	-	187	1	50	507
Neutral	307	139	446	-	239	-	317	556	-	1,089	510	81	-	1,680	-	360	3,042
Other grades	200	18	218	-	134	-	110	244	26	1,307	115	86	-	1,534	4	123	2,123
Wax	20	38	58	-	18	-	43	61	12	177	80	38	-	307	5	79	[2]510
Coke	1,070	33	1,103	-	1,974	295	1,048	3,317	224	1,915	1,534	55	12	3,740	246	3,082	11,488
Asphalt	1,024	143	1,167	166	2,059	1,057	942	4,224	488	559	760	790	94	2,691	697	1,217	9,996
Road oil	-	-	-	-	117	-	-	117	-	-	-	-	-	-	-	26	143
Still gas for fuel	1,671	136	1,807	-	2,845	101	1,309	4,255	416	3,766	2,382	189	65	6,818	499	2,986	16,365
Miscellaneous	133	242	375	2	981	18	42	1,043	126	862	936	15	3	1,942	24	387	3,771
Processing gain (-) or loss (+)	-2,416	+76	-2,340	+137	-4,511	+206	-1,075	-5,243	-267	-4,941	-1,767	-31	+19	-6,987	-232	-3,785	-18,587
Crude oil distillation units:																	
Gross input (1,000 b/d)[3]	1,444	170	1,614	60	2,277	308	1,025	3,670	468	3,420	2.312	202	88	6,490	466	2,389	14,629
Capacity (1,000 b/d)[4]	1,823	207	2,030	66	2,826	324	1,125	4,341	579	4,352	2,638	266	130	7,965	584	3,028	17,948
Operating ratio[5]	79.2	82.1	79.5	90.9	80.6	95.0	91.1	84.6	80.8	78.6	87.7	75.9	67.7	81.5	79.8	78.9	81.5

Source: Form EIA-87.

[1] Includes some Athabasca hydrocarbons.

[2] Includes: mycrocrystalline, 126 ; crystalline-fully refined, 219 ; and crystalline-other, 165

[3] Includes crude oil, products of natural gas processing plants, other oils charged to crude oil distillation units during the month.

[4] Represents operable capacity at the beginning of the month.

[5] Represents gross input divided by capacity.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Input item "Unfractionated stream" includes Plant condensate.

TABLE 10. - Stocks held at refineries, by pipelines, and at bulk terminals: January 31, 1980

(Thousands of barrels)

Item	P.A.D. District 1			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United States*
	East Coast	Appa-lachian # 1	Total	Appa-lachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Motor gasoline, total	63,928	6,228	70,156	3,867	46,719	9,032	23,516	83,134	8,813	29,607	18,840	11,640	899	69,799	8,774	30,271	262,134
Refinery	10,657	1,092	11,749	156	18,815	2,572	9,151	30,694	3,824	18,605	12,659	1,060	433	36,581	5,462	17,152	101,638
Bulk terminal	39,693	4,235	43,928	2,617	22,282	4,754	6,290	35,943	2,948	5,551	1,875	3,196	345	13,915	2,006	10,886	106,678
Pipeline	13,578	901	14,479	1,094	5,622	1,706	8,075	16,497	2,041	5,451	4,306	7,384	121	19,303	1,306	2,233	53,818
Aviation gasoline, total	382	43	425	1	431	58	114	604	69	470	288	7	40	874	43	641	2,587
Refinery	38	-	38	-	221	-	45	266	9	404	277	-	-	690	31	265	1,290
Bulk terminal	344	43	387	1	193	58	58	310	53	47	11	7	40	158	12	376	1,243
Pipeline	-	-	-	-	17	-	11	28	7	19	-	-	-	26	-	-	54
Naphtha-type jet fuel, total	516	66	582	13	499	117	765	1,394	333	286	438	286	338	1,681	360	1,568	5,585
Refinery	221	66	287	-	404	69	558	1,031	203	186	340	168	157	1,054	249	868	3,489
Bulk terminal	-	-	-	10	85	48	163	306	104	100	-	37	44	285	17	349	957
Pipeline	295	-	295	3	10	-	44	57	26	-	98	81	137	342	94	351	1,139
Kerosene-type jet fuel. total	8,035	247	8,282	80	4,148	971	2,061	7,260	1,096	4,294	2,400	1,633	62	9,485	587	7,213	32,827
Refinery	1,053	39	1,092	-	1,555	122	308	1,985	344	2,461	1,911	27	13	4,756	271	3,377	11,481
Bulk terminal	4,731	144	4,875	34	2,041	683	560	3,318	175	458	95	76	39	843	179	3,260	12,475
Pipeline	2,251	64	2,315	46	552	166	1,193	1,957	577	1,375	394	1,530	10	3,886	137	576	8,871
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	685	16	701	2	1,014	36	681	1,733	283	705	1,428	8	11	2,435	239	885	5,993
For fuel use	631	16	647	-	953	36	678	1,667	282	688	1,428	6	11	2,415	234	885	5,848
For chemical use	54	-	54	2	61	-	3	66	1	17	-	2	-	20	5	-	145
Kerosene. total	6,019	718	6,737	371	2,768	99	388	3,626	108	1,596	1,073	570	35	3,382	95	202	14,042
Refinery	143	223	366	20	1,023	18	298	1,359	32	1,325	890	44	35	2,326	48	117	4,216
Bulk terminal	5,287	474	5,761	242	1,404	77	52	1,775	33	207	31	10	-	281	47	78	7,942
Pipeline	589	21	610	109	341	4	38	492	43	64	152	516	-	775	-	7	1,884
Distillate fuel oil, total	87,505	4,636	92,141	3,293	32,702	9,263	20,236	65,494	2,978	16,678	10,487	7,837	467	38,447	3,483	12,561	[2]212,126
Refinery	6,988	879	7,867	93	11,127	2,133	6,358	19,711	1,050	9,970	6,851	1,364	284	19,519	2,055	5,819	54,971
Bulk terminal	73,094	3,528	76,622	2,220	17,891	5,666	6,825	32,602	1,237	4,267	1,364	1,155	103	8,126	665	5,583	123,598
Pipeline	7,423	229	7,652	980	3,684	1,464	7,053	13,181	691	2,441	2,272	5,318	80	10,802	763	1,159	33,557
Residual fuel oil, total	48,013	981	48,994	524	8,143	1,667	2,409	12,743	379	11,769	8,875	813	224	22,060	967	12,389	[4]97,153
Refinery	5,217	431	5,648	38	4,802	1,179	1,435	7,454	379	8,245	4,474	413	224	13,735	967	9,381	37,185
Bulk terminal	42,796	550	43,346	486	3,341	488	974	5,289	-	3,524	4,401	400	-	8,325	-	3,008	59,968
Petrochemical feedstocks, total	183	-	183	-	636	3	69	708	480	1,388	899	32	10	2,809	3	348	4,051
Naphtha-400°	182	-	182	-	304	3	62	369	209	821	523	5	-	1,558	3	229	2,341
Other	1	-	1	-	332	-	7	339	271	567	376	27	10	1,251	-	119	1,710
Special naphthas, total	980	57	1,037	123	704	30	147	1,004	31	1,470	107	95	-	1,703	2	387	4,133
Refinery	19	31	50	4	234	-	147	385	31	1,324	101	95	-	1,551	2	339	2,327
Bulk terminal	961	26	987	119	470	30	-	619	-	146	6	-	-	152	-	48	1,806
Lube oil, total	2,651	1,098	3,749	21	1,168	28	650	1,867	55	3,489	1,446	238	17	5,245	78	1,471	[1]12,410
Bright stock	182	363	545	-	62	-	78	140	-	235	97	-	-	332	7	51	1,075
Neutral	774	511	1,285	-	490	-	403	893	-	1,323	901	84	-	2,308	61	580	5,127
Other grades	1,695	224	1,919	21	616	28	169	834	55	1,931	448	154	17	2,605	10	840	6,208
Wax	14	96	110	-	29	-	54	83	20	305	162	-	-	487	1	39	[3]720
Coke	734	-	734	-	1,406	536	369	2,311	1	382	366	51	-	800	368	976	5,189
Asphalt	4,399	654	5,053	715	5,269	2,382	1,854	10,220	685	742	1,226	1,098	261	4,012	1,848	2,212	[1]23,345
Road oil	-	-	-	-	390	-	6	396	-	-	-	2	-	2	7	28	433
Miscellaneous	627	29	656	1	462	18	248	729	31	1,131	740	71	2	1,975	-	269	[1]3,629
Unfinished oils	13,175	1,335	14,510	136	14,746	461	6,136	21,479	2,714	27,757	14,851	648	213	46,183	3,444	26,727	112,343
Refined products, total	237,846	16,204	254,050	9,147	121,234	24,701	59,703	214,785	18,076	102,069	63,626	25,029	2,579	211,379	20,299	98,187	798,700

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,343 ; Asphalt, 5,884 ; and Miscellaneous 1,178.

[2] Includes No. 4 fuel oil, in thousands of barrels: P.A.D. District I, 3,029; P.A.D. District II, 172; P.A.D. District III, 466; P.A.D. District IV, 1; P.A.D. District V, 198.

[3] Includes microcrystalline, 117 : crystalline-fully refined, 323 ; and crystalline-other, 280.

[4] Includes pipeline stocks: P.A.D. District V, 12.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	January 1980	December 1979	January 1979
Turned into lines:			
Gasoline, total...........	191,783	186,738	188,996
Motor....................	191,593	186,544	188,674
Aviation.................	190	194	322
Jet fuel, total...........	32,912	32,123	33,047
Naphtha-type............	3,396	3,269	3,247
Kerosene-type...........	29,516	28,854	29,800
Kerosene..................	3,615	2,757	4,681
Distillate fuel oil........	77,706	79,370	82,746
Residual fuel oil..........	214	253	111
Natural gas liquids........	54,364	65,082	55,544
Other products............	737	578	-
Delivered from lines:			
Gasoline, total...........	189,328	183,838	190,866
Motor....................	189,157	183,599	190,652
Aviation.................	171	239	214
Jet fuel, total...........	32,860	31,657	31,973
Naphtha-type............	3,424	3,237	3,146
Kerosene-type...........	29,436	28,420	28,827
Kerosene..................	3,613	2,729	4,496
Distillate fuel oil........	79,087	80,322	85,633
Residual fuel oil..........	212	254	111
Natural gas liquids........	62,402	64,438	60,400
Other products............	804	416	-
Shortage (or overage):			
Gasoline, total...........	860	229	(764)
Motor....................	862	208	(780)
Aviation.................	(2)	21	16
Jet fuel, total...........	317	182	380
Naphtha-type............	(80)	72	26
Kerosene-type...........	397	110	354
Kerosene..................	97	112	42
Distillate fuel oil........	(440)	(80)	(1,294)
Residual fuel oil..........	3	1	-
Natural gas liquids........	33	17	188
Other products............	(3)	1	-
Stocks in lines and working tanks at end of month:			
Gasoline, total...........	53,872	52,277	50,275
Motor....................	53,818	52,244	50,163
Aviation.................	54	33	112
Jet fuel, total...........	10,010	10,275	7,721
Naphtha-type............	1,139	1,087	1,179
Kerosene-type...........	8,871	9,188	6,542
Kerosene..................	1,884	1,979	1,791
Distillate fuel oil........	33,557	34,498	30,903
Residual fuel oil..........	12	13	-
Natural gas liquids........	27,672	35,743	36,387
Other products............	97	161	-

Source: Form EIA-89.

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. District

(Thousands of barrels)

Item	January 1980	December 1979	January 1979
From District 1 to District 2:			
Gasoline, total	4,928	4,369	4,954
Motor	4,928	4,361	4,949
Aviation	-	8	5
Jet fuel, total	189	223	286
Naphtha-type	-	-	-
Kerosene-type	189	223	286
Kerosene	58	58	66
Distillate fuel oil	1.300	1,455	1,709
From District 2 to District 1:			
Gasoline, total	917	1,119	736
Motor	917	1,119	736
Jet fuel, total	-	-	-
Kerosene-type	-	-	-
Kerosene	15	9	34
Distillate fuel oil	196	175	295
Natural gas liquids	2,958	2,790	1,027
From District 2 to District 3:			
Gasoline, total	1,820	1,599	1,515
Motor	1,820	1,599	1,515
Jet fuel, total	104	104	58
Naphtha-type	60	60	58
Kerosene-type	44	44	-
Distillate fuel oil	293	427	433
Natural gas liquids	2,179	2,125	1,675
From District 2 to District 4:			
Gasoline, total	1,378	1,650	1,651
Motor	1,359	1,643	1,635
Aviation	19	7	16
Jet fuel, total	347	532	435
Kerosene-type	347	532	435
Kerosene	-	-	-
Distillate fuel oil	211	201	283
Natural gas liquids	249	294	299
From District 3 to District 1:			
Gasoline, total	41,498	36,560	38,130
Motor	41,485	36,533	38,114
Aviation	13	27	16
Jet fuel, total	5,803	5,527	5,527
Naphtha-type	148	76	127
Kerosene-type	5,655	5,451	5,400
Kerosene	1,316	1,091	1,423
Distillate fuel oil	19.190	19,044	18,981
Natural gas liquids	2,394	2,429	2,869
From District 3 to District 2:			
Gasoline, total	4,906	6,483	6,375
Motor	4,851	6,453	6,258
Aviation	55	30	117
Jet fuel, total	1,402	1,352	1,046
Naphtha-type	-	-	-
Kerosene-type	1.402	1,352	1,046
Kerosene	117	78	191
Distillate fuel oil	1.623	2,209	2,435
Natural gas liquids	5,357	5,014	9,491
From District 3 to District 4:			
Gasoline, total	-	-	-
Motor	-	-	-
Aviation	-	-	-
Jet fuel, total	-	-	-
Kerosene-type	-	-	-
Kerosene	-	-	-
Distillate fuel oil	-	-	-
Natural gas liquids	-	-	-
From District 3 to District 5:			
Gasoline, total	1,014	1,034	855
Motor	1,014	1,034	855
Jet fuel, total	195	203	229
Naphtha-type	115	95	111
Kerosene-type	80	108	118
Distillate fuel oil	331	375	379
From District 4 to District 2:			
Gasoline, total	308	464	525
Motor	308	464	525
Jet fuel, total	23	40	25
Naphtha-type	17	30	21
Kerosene-type	6	10	4
Kerosene	-	-	-
Distillate fuel oil	273	313	353
Natural gas liquids	380	424	217
From District 4 to District 3:			
Natural gas liquids	-	-	-
From District 4 to District 5:			
Gasoline, total	739	800	848
Motor	739	800	848
Jet fuel, total	146	151	152
Naphtha-type	80	76	83
Kerosene-type	66	75	69
Distillate fuel oil	197	85	166

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	January 1980	December 1979	January 1979		
Gulf Coast to East Coast, total:[1]					
Crude oil	366	681	615		
Unfinished oils	279	510	218		
Gasoline, total	12,941	14,577	15,901		
Motor	12,695	14,389	15,760		
Aviation	246	188	141		
Special naphthas	397	301	602		
Jet fuel, total	4,281	4,244	3,231		
Naphtha-type	376	291	372		
Kerosene-type	3,905	3,953	2,859		
Kerosene	473	441	752		
Distillate fuel oil	7,830	5,958	9,767		
Residual fuel oil	5,809	7,161	4,182		
Lubricating oil	1,068	787	740		
Wax	17	12	21		
Asphalt and road oil	490	260	282		
Liquefied gases	-	1	51		
Petrochemical feedstocks	189	319	138		
Other products	657	1,058	1,060		
Total	34,797	36,310	37,560		
Gulf Coast to P.A.D. District II:					
Crude oil	1,407	530	413		
Unfinished oils	-	207	21		
Gasoline, total	1,491	1,482	2,030		
Motor	1,457	1,465	1,977		
Aviation	34	17	53		
Special naphthas	104	185	168		
Jet fuel, total	149	173	407		
Naphtha-type	-	-	-		
Kerosene-type	149	173	407		
Kerosene	33	50	64		
Distillate fuel oil	245	293	664		
Residual fuel oil	715	496	473		
Lubricating oil	295	171	161		
Wax	-	-	-		
Asphalt and road oil	201	315	249		
Liquefied gases	-	-	207		
Petrochemical feedstocks	50	43	74		
Other products	9	54	18		
Total	4,699	3,999	4,949		
Gulf Coast to West Coast:					
Crude oil	-	-	-		
Unfinished oils	272	-	-		
Gasoline, total	-	-	47		
Motor	-	-	47		
Aviation	-	-	-		
Special naphthas	-	-	-		
Jet fuel, total	197	83	200		
Naphtha-type	-	-	-		
Kerosene-type	197	83	200		
Kerosene	-	-	-		
Distillate fuel oil	-	-	317		
Residual fuel oil	-	-	-		
Lubricating oil	162	91	114		
Wax	-	-	-		
Petrochemical feedstocks	-	-	-		
Other products	-	-	-		
Total	631	174	678		
West Coast to East Coast:					
Crude oil	2,748	2,353	298		
Gasoline, total	-	16	-		
Motor	-	-	-		
Aviation	-	16	-		
Special naphthas	-	-	-		
Distillate fuel oil	20	-	-		
Residual fuel oil	152	355	-		
Lubricating oil	-	-	15		
Other products	-	-	5		
Total	2,920	2,724	318		
West Coast to Gulf Coast:					
Crude oil	12,613	7,979	3,959		
Motor gasoline	-	74	-		
Kerosene-type jet fuel	-	-	-		
Distillate fuel oil	-	-	-		
Residual fuel oil	-	-	-		
Wax	-	-	-		
Lubricating oil	57	8	57		
Unfinished oils	-	66	172		
Other products	32	-	35		
Total	12,702	8,127	4,223		

Sources: Bureau of Mines Forms 6-1308-M and 6-1320-M.

[1] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	January 1980	December 1979	January 1979		
To New England:[1]					
Crude oil	-	-	-		
Unfinished oils	190	-	-		
Gasoline, total	2,164	2,185	2,199		
Motor	2,164	2,185	2,183		
Aviation	-	-	16		
Special naphthas	27	27	69		
Jet fuel, total	365	418	607		
Naphtha-type	-	-	-		
Kerosene-type	365	418	607		
Kerosene	176	194	146		
Distillate fuel oil	3,057	2,666	3,578		
Residual fuel oil	863	621	-		
Lubricating oil	7	-	-		
Wax	-	-	-		
Asphalt and road oil	-	-	-		
Liquefied gases	-	-	-		
Petrochemical feedstocks	-	-	-		
Other products	55	-	6		
Total	6,904	6,111	6,605		
To Central Atlantic:[1]					
Crude oil	366	681	615		
Unfinished oils	89	252	218		
Gasoline, total	839	873	2,039		
Motor	789	810	2,012		
Aviation	50	63	27		
Special naphthas	285	172	327		
Jet fuel, total	568	1,089	314		
Naphtha-type	-	-	-		
Kerosene-type	568	1,089	314		
Kerosene	84	134	303		
Distillate fuel oil	1,997	910	3,451		
Residual fuel oil	1,700	2,817	1,490		
Lubricating oil	791	508	610		
Wax	17	12	21		
Asphalt and road oil	-	-	-		
Liquefied gases	-	-	50		
Petrochemical feedstocks	170	225	118		
Other products	529	919	974		
Total	7,435	8,592	10,530		
To Lower Atlantic:[1]					
Crude oil	-	-	-		
Unfinished oils	-	258	-		
Gasoline, total	9,938	11,519	11,663		
Motor	9,742	11,394	11,565		
Aviation	196	125	98		
Special naphthas	85	102	206		
Jet fuel, total	3,348	2,737	2,310		
Naphtha-type	376	291	372		
Kerosene-type	2,972	2,446	1,938		
Kerosene	213	113	303		
Distillate fuel oil	2,776	2,382	2,738		
Residual fuel oil	3,246	3,723	2,692		
Lubricating oil	270	279	130		
Wax	-	-	-		
Asphalt and road oil	490	260	282		
Liquefied gases	-	1	1		
Petrochemical feedstocks	19	94	20		
Other products	73	139	80		
Total	20,458	21,607	20,425		

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Bureau of Mines Form 6-1308-M.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	January 1980	December 1979	January 1979
All Districts:			
Algeria	14,390	18,114	20,066
Angola	876	1,215	200
Bolivia	301	-	-
Brunei	151	-	99
Cameroon	1,363	363	472
Canada[1]	8,761	8,957	8,299
Congo (Brazzaville)	-	-	909
Ecuador	-	-	2,399
Egypt	1,181	1,540	-
Gabon	985	1,465	1,309
Ghana	-	-	-
Indonesia	12,298	10,803	13,514
Iran	2,359	12,829	5,799
Iraq	2,545	1,871	1,744
Kuwait	-	-	179
Libya	19,121	16,815	22,341
Malaysia	1,540	1,468	1,640
Mexico	16,576	13,984	18,107
Netherlands	397	343	-
Nigeria	32,342	32,326	35,603
Norway	4,393	2,997	1,305
Oman	1,031	1,299	804
Peoples Republic of China	-	764	462
Peru	1,500	835	591
Qatar	1,671	-	1,098
Saudi Arabia	47,673	39,079	48,086
Spain	299	-	-
Syria	-	217	-
Trinidad	4,115	3,935	1,617
Tunisia	355	482	265
United Arab Emirates	6,249	7,487	10,582
United Kingdom	8,920	7,722	9,081
Venezuela	5,745	7,547	6,110
Total[1]	[2]197,137	194,457	212,681
To District I:			
Algeria	3,151	6,307	5,556
Angola	-	803	-
Canada	413	592	222
Egypt	606	774	-
Gabon	599	1,111	1,309
Indonesia	1,009	1,628	1,863
Iran	-	3,111	4,495
Iraq	-	-	581
Libya	3,454	2,480	4,234
Malaysia	-	-	-
Mexico	1,832	1,566	309
Netherlands	397	-	-
Nigeria	9,264	6,769	8,735
Norway	986	140	643
Oman	442	713	195
Peru	778	-	117
Qatar	454	-	-
Saudi Arabia	15,407	6,390	12,860
Spain	299	-	-
Trinidad	698	376	-
Tunisia	-	482	-
United Arab Emirates	310	594	710
United Kingdom	1,613	2,493	2,194
Venezuela	1,747	4,117	2,761
Total	43,459	40,446	46,784

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District and Country of Origin	January 1980	December 1979	January 1979
To District II:			
Algeria	3,621	5,498	4,845
Cameroon	1,363	363	472
Canada [1]	5,949	5,705	6,016
Ecuador	-	-	697
Egypt	135	-	-
Iran	1,624	3,718	129
Libya	7,838	7,377	11,353
Mexico	4,833	5,135	5,452
Nigeria	7,476	9,037	5,633
Norway	1,887	2,499	568
Oman	589	586	609
Peru	722	411	-
Qatar	-	-	726
Saudi Arabia	3,753	6,515	5,040
Trinidad	437	908	-
United Arab Emirates	1,526	602	1,903
United Kingdom	3,718	2,004	2,389
Venezuela	758	732	-
Total[1]	46,229	51,090	45,832
To District III:			
Algeria	7,618	6,309	9,665
Angola	876	412	200
Bolivia	301	-	-
Congo (Brazzaville)	-	-	909
Ecuador	-	-	1,702
Egypt	440	766	-
Gabon	386	354	-
Indonesia	-	-	818
Iran	735	6,000	1,175
Iraq	2,545	1,871	1,163
Kuwait	-	-	179
Libya	7,574	6,958	6,754
Malaysia	192	-	-
Mexico	9,911	7,283	12,346
Netherlands	-	343	-
Nigeria	15,602	16,219	21,021
Norway	1,520	358	94
Peru	-	424	-
Qatar	1,217	-	372
Saudi Arabia	28,325	26,174	30,186
Syria	-	217	-
Trinidad	2,980	2,651	1,617
Tunisia	355	-	265
United Arab Emirates	3,493	4,849	5,390
United Kingdom	3,589	3,225	4,498
Venezuela	2,931	1,730	3,349
Total	[2]90,590	86,143	101,703
To District IV:			
Canada	1,764	1,843	1,525
Libya	255	-	-
Total	2,019	1,843	1,525
To District V [3]:			
Brunei	151	-	99
Canada	635	817	536
Indonesia	11,289	9,175	10,833
Malaysia	1,348	1,468	1,640
Nigeria	-	301	214
Peoples Republic of China	-	764	462
Peru	-	-	474
Saudi Arabia	188	-	-
United Arab Emirates	920	1,442	2,579
Venezuela	309	968	-
Total	14,840	14,935	16,837

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District

(Thousands of barrels)

Item	January 1980	December 1979	January 1979		
All Districts:					
Motor gasoline, total	4,382	8,160	5,545		
Receipts from Puerto Rico	607	1,455	973		
Other	[1]3,775	6,705	4,572		
Aviation gasoline, total	-	-	-		
Receipts from Puerto Rico	-	-	-		
Other	-	-	-		
Naphtha-type jet fuel, total	955	1,155	756		
Bonded aircraft fuel	-	164	-		
Other	[1]955	991	756		
Kerosene-type jet fuel, total	2,001	2,195	2,242		
Bonded aircraft fuel	505	519	78		
Receipts from Puerto Rico	-	48	-		
Other	1,496	1,628	2,164		
Ethane	1,600	1,359	1,296		
Liquefied petroleum gases	6,574	6,641	6,159		
Kerosene, total	473	669	411		
Receipts from Puerto Rico	-	24	149		
Other	[1]473	645	262		
Distillate fuel oil, total	5,538	7,109	7,002		
Bonded ships bunkers	5	-	-		
For military offshore use	347	550	98		
Receipts from Puerto Rico	329	855	456		
No. 2 fuel oil	[1]4,685	5,439	5,750		
No. 4 fuel oil	172	265	698		
Residual fuel oil, total	35,085	39,437	42,494		
Bonded ships bunkers	-	-	-		
For military offshore use	191	100	-		
Receipts from Puerto Rico	-	-	951		
Other	[1]34,894	39,337	41,543		
Petrochemical feedstocks, total	353	345	348		
Receipts from Puerto Rico	163	264	345		
Other	190	81	3		
Special naphthas	34	22	568		
Lubricants	255	244	164		
Wax	-	-	-		
Asphalt	46	46	-		
Miscellaneous	113	507	129		
Total	57,409	67,889	67,114		
District I:					
Motor gasoline, total	3,717	7,314	4,170		
Receipts from Puerto Rico	607	1,207	749		
Other	3,110	6,107	3,421		
Aviation gasoline, total	-	-	-		
Receipts from Puerto Rico	-	-	-		
Other	-	-	-		
Naphtha-type jet fuel, total	572	814	266		
8onded aircraft fuel	-	164	-		
Other	572	650	266		
Kerosene-type jet fuel, total	962	1,118	868		
Bonded aircraft fuel	324	150	30		
Receipts from Puerto Rico	-	48	-		
Other	638	920	838		
Ethane	1	-	-		
Liquefied petroleum gases	1,743	569	1,010		
Kerosene, total	473	669	411		
Receipts from Puerto Rico	-	24	149		
Other	473	645	262		
Distillate fuel oil, total	5,202	6,575	6,627		
Bonded ships bunkers	-	-	-		
For military offshore use	107	302	19		
Receipts from Puerto Rico	329	855	456		
No. 2 fuel oil	4,594	5,153	5,454		
No. 4 fuel oil	172	265	698		
Residual fuel oil, total	32,595	36,696	40,009		
Bonded ships bunkers	-	-	-		
For military offshore use	191	100	-		
Receipts from Puerto Rico	-	-	951		
Other	32,404	36,596	39,058		
Petrochemical feedstocks, total	162	175	152		
Receipts from Puerto Rico	86	139	150		
Other	76	36	2		
Special naphthas	-	-	297		
Lubricants	214	194	164		
Wax	-	-	-		
Asphalt	46	46	-		
Miscellaneous	103	503	118		
Total	45,790	54,673	54,092		
District II:					
Motor gasoline	239	188	84		
Aviation gasoline	-	-	-		
Naphtha-type jet fuel, total	-	40	-		
8onded aircraft fuel	-	-	-		
Other	-	40	-		
Kerosene-type jet fuel, total	29	-	-		
8onded aircraft fuel	-	-	-		
Receipts from Puerto Rico	-	-	-		
Other	29	-	-		
Ethane	1,599	1,359	1,296		
Liquefied petroleum gases	3,530	4,051	3,279		
Kerosene	-	-	-		
Distillste fuel oil, total	-	-	-		
No. 2 fuel oil	-	-	-		
No. 4 fuel oil	-	-	-		
Residual fuel oil[2]	1,020	1,135	1,201		
Petrochemicsl feedstocks	60	2	1		
Special naphthas	21	22	28		
Lubricants	-	-	-		
Wax	-	-	-		
Asphalt	-	-	-		
Miscellsneous	10	4	11		
Total	6,508	6,801	5,900		

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	January 1980	December 1979	January 1979
District III:			
Motor gasoline, total	–	281	597
Receipts from Puerto Rico	–	248	224
Other	–	33	373
Aviation gasoline	–	–	–
Naphtha-type jet fuel, total	–	–	–
Bonded aircraft fuel	–	–	–
Other	–	–	–
Kerosene-type jet fuel, total	552	25	–
Bonded aircraft fuel	–	–	–
Other	552	25	–
Liquefied petroleum gases	139	1,073	423
Kerosene	–	–	–
Distillate fuel oil, total	–	206	–
Bonded ships bunkers	–	–	–
Receipts from Puerto Rico	–	–	–
No. 2 fuel oil	–	206	–
Residual fuel oil, total	490	300	–
Bonded ships bunkers	–	–	–
Receipts from Puerto Rico	–	–	–
Other	490	300	–
Petrochemical feedstocks, total	131	168	195
Receipts from Puerto Rico	77	125	195
Other	54	43	–
Special naphthas	13	–	243
Lubricants	41	50	–
Wax	–	–	–
Asphalt	–	–	–
Miscellaneous	–	–	–
Total	1,366	2,103	1,458
District IV:			
Motor gasoline	24	33	52
Aviation gasoline	–	–	–
Liquefied petroleum gases	699	427	776
Distillate fuel oil	–	–	–
Residual fuel oil	–	–	–
Special naphthas	–	–	–
Lubricants	–	–	–
Total	723	460	828
District V:			
Motor gasoline, total	402	344	642
Receipts from Puerto Rico	–	–	–
Other	402	344	642
Aviation gasoline	–	–	–
Naphtha-type jet fuel, total	383	301	490
Bonded aircraft fuel	–	–	–
Other	383	301	490
Kerosene-type jet fuel, total	458	1,052	1,374
Bonded aircraft fuel	181	369	48
Other	277	683	1,326
Liquefied petroleum gases	463	521	671
Kerosene	–	–	–
Distillate fuel oil, total	336	328	375
Bonded ships bunkers	5	–	–
For military offshore use	240	248	79
No. 2 fuel oil	91	80	296
No. 4 fuel oil	–	–	–
Residual fuel oil, total	980	1,306	1,284
Bonded ships bunkers	–	–	–
For military offshore use	–	–	–
Other	980	1,306	1,284
Petrochemical feedstocks	–	–	–
Special naphthas	–	–	–
Lubricants	–	–	–
Wax	–	–	–
Asphalt	–	–	–
Miscellaneous	–	–	–
Total	3,022	3,852	4,836

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,213; Naphtha-type jet fuel 494; Kerosene, 473; Distillate No. 2 fuel oil, 3,400; Residual fuel oil, 7,636; District V: Naphtha-type jet fuel, 267.

[2] Includes crude oil for direct burning as fuel: Current month, 187.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	January 1980	December 1979	January 1979
Plant condensate, total	579	463	464
P.A.D. District I	–	–	–
P.A.D. District II	–	[2]10	64
P.A.D. District III	–	–	–
P.A.D. District IV	321	348	312
P.A.D. District V	258	105	88
Unfinished oils, total	3,473	3,092	1,291
P.A.D. District I	[1]1,110	1,377	1,100
P.A.D. District II	22	1	2
P.A.D. District III	2,067	921	175
P.A.D. District IV	–	–	–
P.A.D. District V	274	793	14

Sources: Form ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 492.

[2] Includes natural gasoline: 10.

TABLE 17. - Crude oil input to refineries and refinery receipts of crude oil by origin of the crude and method of transportation: January 1980
(Thousands of barrels)

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-								Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	3,725	-	-	-	-	-	-	-	-	-	-	3,074
Fla., Ga., Va., N.C...	2,234	-	4,858	157	-	-	9	-	64	-	-	1,801
New Jersey, Rhode Is..	17,232	-	-	-	-	-	-	-	-	2,953	-	17,471
New York , N. Hamp	3,372	11	73	2	-	-	-	1,595	-	-	1,150	391
Pennsylvania: East ...	20,361	-	-	-	-	-	-	-	-	1,098	-	17,957
West ...	1,989	-	126	4	30	52	-	305	346	117	1,122	-
West Virginia	450	-	127	4	114	-	-	284	17	83	-	-
District 1	[1]49,363	11	5,184	167	144	52	9	2,184	427	4,251	2,272	40,694
Illinois	31,104	5	2,317	75	977	2	-	16,727	1	24	13,760	-
Indiana	12,559	8	170	5	168	1	-	7,703	7	256	4,232	158
Kansas	13,184	-	4,430	143	3,858	193	-	4,907	-	-	4,313	-
Kentucky, Tennessee ..	8,028	6	293	9	-	206	-	983	43	1,028	5,859	90
Michigan	3,898	-	2,976	96	2,068	254	-	740	-	-	912	-
Minnesota, Wisconsin .	6,960	-	-	-	-	-	-	1,122	-	-	6,183	-
Missouri, Nebraska ...	2,357	-	605	20	3	-	-	2,357	-	-	-	-
N. and S. Dakota......	1,928	-	2,967	96	1,829	33	-	123	1	-	-	-
Ohio: East	1,843	-	-	-	-	-	-	607	-	-	1,254	-
West	[2]13,831	-	909	29	-	-	-	6,740	-	-	[2]7,427	-
Oklahoma	15,912	4	13,324	430	7,192	475	-	4,799	-	-	2,211	1,490
District II	111,604	23	27,991	903	16,095	1,164	-	46,808	52	1,308	46,151	1,738
Alabama	3,131	11	1,893	61	151	5	23	2,221	26	35	198	763
Arkansas	1,627	1	1,697	55	1,293	126	-	210	-	-	-	-
Louisiana	60,809	238	41,376	1,335	19,119	1,159	6,168	6,788	207	2,336	167	23,121
Mississippi	10,390	-	2,262	73	1,016	223	-	2,548	11	119	3	6,300
New Mexico	2,617	-	6,557	211	1,817	588	-	47	26	-	164	-
Texas	112,540	11	77,651	2,505	44,223	2,177	814	7,315	-	4,586	764	53,964
District III	191,114	261	131,436	4,240	67,619	4,278	7,005	19,129	270	7,076	1,296	84,148
Colorado	985	-	2,784	90	392	134	-	512	9	-	-	-
Montana	4,203	-	2,307	74	583	100	-	1,493	8	-	2,189	-
Utah	4,013	2	1,832	59	828	358	-	2,691	129	-	-	-
Wyoming	5,002	2	10,063	325	5,028	109	-	145	22	-	-	-
District IV	14,203	4	16,986	548	6,831	701	-	4,841	168	-	2,189	-
California	58,739	35	27,082	874	23,042	1,621	2,208	50	-	24,338	-	11,354
Washington	10,320	-	1	-	1	-	-	294	-	5,590	605	4,720
Other States [3]	3,226	19	42,129	1,359	1,951	97	-	-	113	1,092	204	-
District V	72,285	54	69,212	2,233	24,994	1,718	2,208	344	113	31,020	809	16,074
*United States, total ..	438,569	353	250,809	8,091	115,683	7,913	9,222	73,306	1,030	43,655	[4]52,717	142,654
Daily Average	14,147	11	8,091	X	3,732	255	298	2,365	33	1,408	1,701	4,602

Source: Form EIA-87.

[1] Includes 30,265 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: January 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. 1, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total*
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland........	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va., ...	73	9	-	-	-	-	-	-	-	23	41	-	-	64	-	-	-	-	-	-	64
New Jersey................	2,953	-	-	-	-	-	-	-	-	-	43	-	-	43	-	-	-	-	-	2,910	2,953
New York, New Hamp.	1,595	-	-	543	-	-	-	12	555	-	754	-	286	1,040	-	-	-	-	-	-	1,595
Pennsylvania: East.......	1,098	-	-	-	-	-	-	-	-	-	15	-	304	319	-	-	-	-	-	779	1,098
West.......	850	82	85	36	-	523	-	92	651	-	7	-	-	7	-	25	-	-	25	-	768
West Virginia.............	498	114	-	-	-	384	-	-	384	-	-	-	-	-	-	-	-	-	-	-	384
P.A.D. District I.......	7,067	205	85	579	-	907	-	104	1,590	23	860	-	590	1,473	-	25	-	-	25	3,689	6,862
Illinois..................	17,731	979	811	1	-	-	161	796	958	-	2,625	734	9,782	13,141	-	57	-	300	357	1,485	16,752
Indiana...................	8,135	169	44	298	-	47	962	1,261	2,568	57	489	793	2,772	4,111	202	448	391	202	1,243	-	7,966
Kansas....................	8,958	4,051	-	-	-	-	35	1,646	1,681	-	-	1	1,572	1,573	70	691	-	807	1,568	85	4,907
Kentucky, Tennessee.......	2,260	206	354	593	-	42	-	-	635	18	552	-	63	633	-	-	-	81	81	351	2,054
Michigan..................	3,062	2,322	-	-	-	-	-	-	-	-	299	-	-	299	-	-	-	441	441	-	740
Minnesota, Wisconsin......	1,122	-	-	-	-	-	548	366	914	-	-	-	-	-	-	119	-	-	119	89	1,122
Missouri, Nebraska........	2,360	3	-	-	-	-	-	207	207	-	-	46	1,930	1,976	-	13	-	161	174	-	2,357
North Dakota..............	1,986	1,862	-	-	-	-	-	-	-	-	-	-	-	-	-	124	-	-	124	-	124
Ohio: East..............	607	-	-	52	-	-	-	-	52	-	405	-	150	555	-	-	-	-	-	-	607
West..............	6,740	-	16	470	-	-	-	223	693	106	1,664	-	4,171	5,941	90	-	-	-	90	-	6,740
Oklahoma..................	12,466	7,667	-	-	-	-	-	-	-	-	-	68	4,730	4,798	-	-	-	-	-	1	4,799
P.A.D. District II......	65,427	17,259	1,225	1,414	-	89	1,706	4,499	7,708	181	6,034	1,642	25,170	33,027	362	1,452	391	1,992	4,197	2,011	48,168
Alabama...................	2,461	179	1,734	-	-	-	-	-	-	548	-	-	-	548	-	-	-	-	-	-	2,282
Arkansas..................	1,629	1,419	-	-	-	-	-	-	-	-	43	-	167	210	-	-	-	-	-	-	210
Louisiana.................	35,777	26,446	1,071	-	-	-	-	-	-	2,024	-	-	4,453	6,477	-	-	-	-	-	1,783	9,331
Mississippi...............	3,917	1,239	128	-	-	-	-	-	-	3	2,547	-	-	2,550	-	-	-	-	-	-	2,678
New Mexico................	2,478	2,405	-	-	-	-	-	-	-	-	-	-	57	57	15	-	1	-	16	-	73
Texas.....................	59,115	47,214	736	-	379	-	-	1,054	1,433	236	5,446	2,510	-	8,192	67	-	96	-	163	1,377	11,901
P.A.D. District III.....	105,377	78,902	3,669	-	379	-	-	1,054	1,433	2,811	8,036	2,510	4,677	18,034	82	-	97	-	179	3,160	26,475
Colorado..................	1,047	526	-	-	-	-	-	-	-	-	-	-	-	-	-	19	102	390	511	10	521
Montana...................	2,184	683	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,501	1,501	-	1,501
Utah......................	4,006	1,186	-	-	-	-	-	-	-	-	-	-	-	-	1,776	-	-	1,043	2,819	1	2,820
Wyoming...................	5,304	5,137	-	-	-	-	1	-	1	-	-	-	-	-	38	128	-	-	166	-	167
P.A.D. District IV......	12,541	7,532	-	-	-	-	1	-	1	-	-	-	-	-	1,814	147	102	2,934	4,997	11	5,009
California................	51,259	26,871	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,388	24,388
Other States..............	9,138	2,049	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	56	7,033	7,089
P.A.D. District V.......	60,397	28,920	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	-	56	31,421	31,477
*United States, total......	250,809	132,818	[1]4,979	1,993	379	996	1,707	5,657	10,732	3,015	14,930	4,152	30,437	52,534	2,258	1,624	646	4,926	9,454	[2]40,292	117,991
Daily average...........	8,091	4,285	160	64	12	32	55	183	346	97	482	134	982	1,695	73	52	21	159	305	1,300	3,806

Source: Form EIA-87.

[1] Florida, 4,849 ; New York, 73 ; Virginia, - ; West Virginia, 13; Pennsylvania, 44.

[2] Alaska, 40,070 ; Arizona, - ; California, 211 ; Nevada, 11.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States: January 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	528	395	-	17	30	168	-	610	141	228	-	1,507
East Coast................	341	298	-	-	-	168	-	466	111	-	-	918
Appalachian No. 1..........	187	97	-	17	30	-	-	144	30	228	-	589
P.A.D. District II, total.......	1,896	3,134	528	380	967	150	-	5,159	1,248	1,780	12	10,095
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	476	551	-	49	97	-	-	697	83	960	2	2,218
Minn., Wisc., etc..........	-	84	-	12	26	-	-	122	34	18	-	174
Okla., Kans., etc..........	1,420	2,499	528	319	844	150	-	4,340	1,131	802	10	7,703
P.A.D. District III, total......	6,918	9,874	5,739	2,657	3,951	709	64	22,994	6,992	-820	716	36,800
Texas Inland..............	1,304	3,426	1,992	764	1,140	421	38	7,781	2,696	5,970	311	18,062
Texas Gulf................	2,710	3,078	3,161	869	1,639	61	13	8,821	2,196	-10,413	5	3,319
Louisiana Gulf............	2,643	2,571	455	853	867	51	7	4,804	1,635	1,220	378	10,680
Ark., La. Inland, etc......	109	218	-	80	128	19	6	451	110	78	17	765
New Mexico................	152	581	131	91	177	157	-	1,137	355	2,325	5	3,974
P.A.D. District IV, total.......	11	469	-	4	112	116	-	701	345	854	18	1,929
P.A.D. District V, total........	-	239	-	31	76	-	34	380	321	28	-	729
*United States, total........	9,353	14,111	6,267	3,089	5,136	1,143	98	29,844	9,047	2,070	746	51,060

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Source: Form EIA-64.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States: January 31, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,376	-	30	108	56	-	3,570	28	-	-	3,598	8	4
East Coast..........	-	1,236	-	10	40	56	-	1,342	5	-	-	1,347	8	-
Appalachian No. 1....	-	2,140	-	20	68	-	-	2,228	23	-	-	2,251	-	4
P.A.D. District II, total.	2,434	17,701	429	1,728	3,811	29	257	23,955	1,756	439	6	28,590	809	199
Appalachian No. 2....	-	16	-	-	46	-	-	62	-	-	-	62	136	-
Ind., Ill., etc......	88	3,296	-	465	1,067	1	32	4,861	36	95	5	5,085	106	35
Minn., Wisc., etc....	1,074	601	-	3	7	-	111	722	11	3	-	1,810	95	-
Okla., Kans., etc....	1,272	13,788	429	1,260	2,691	28	114	18,310	1,709	341	1	21,633	472	164
P.A.D. District III, total	1,978	27,950	4,964	6,387	13,279	1,941	1,249	55,770	6,627	3,454	367	68,196	1,149	458
Texas Inland.........	721	4,927	289	391	1,104	327	717	7,755	823	947	236	10,482	54	31
Texas Gulf...........	854	11,753	4,657	3,765	9,021	893	26	30,115	2,956	2,262	4	36,191	634	189
Louisiana Gulf.......	379	4,406	-	2,129	2,423	10	504	9,472	2,665	75	104	12,695	448	119
Ark., La. Inland, etc	1	6,595	-	82	681	689	1	8,048	35	139	22	8,245	8	82
New Mexico...........	23	269	18	20	50	22	1	380	148	31	1	583	5	37
P.A.D. District IV, total.	-	182	-	1	105	16	-	304	165	22	4	495	63	106
P.A.D. District V, total..	-	303	-	149	107	68	3	630	20	2	-	652	45	13
*United States, total.	4,412	49,512	5,393	8,295	17,410	2,110	1,509	84,229	8,596	3,917	377	101,531	2,074	780

[1] Includes plant condensate.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Sources: Forms EIA-64, 87, and 89.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: January 1980
(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United States**
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total..........	154	28	182	135	3,087	966	2,119	6,307	658	9,607	2,406	618	120	13,409	464	1,287	21,649
Propane......................	-	-	-	-	204	-	1	205	-	-	141	-	-	141	-	-	346
Butane, total................	24	26	50	135	2,155	500	1,200	3,990	366	1,496	1,449	124	26	3,461	312	669	8,482
Isobutane..................	-	2	2	42	614	59	327	1,042	145	754	777	77	14	1,767	50	119	2,980
Normal butane..............	24	24	48	93	1,128	219	746	2,186	148	715	664	36	12	1,575	15	259	4,083
Other......................	-	-	-	-	413	222	127	762	73	27	8	11	-	119	247	291	1,419
Butane-propane mix...........	-	-	-	-	2	-	-	2	-	151	1	-	15	167	-	15	184
Natural gasoline.............	130	-	130	-	617	448	876	1,941	260	6,028	716	168	79	7,251	124	317	9,763
Unfractionated stream[1]......	-	2	2	-	109	18	42	169	32	1,932	99	326	-	2,389	28	286	2,874
*Stocks at refineries, total......	8	4	12	136	141	95	636	1,008	85	823	567	90	42	1,607	169	58	2,854
Propane......................	-	-	-	-	31	-	-	31	-	86	60	-	-	146	2	-	179
Butane, total................	8	-	8	136	73	95	472	776	54	548	383	8	4	997	61	45	1,887
Isobutane..................	8	-	8	17	54	31	243	345	39	161	204	7	4	415	25	36	829
Normal butane..............	-	-	-	119	19	45	203	386	6	387	179	-	-	572	1	9	968
Other......................	-	-	-	-	-	19	26	45	9	-	-	1	-	10	35	-	90
Butane-propane mix...........	-	-	-	-	2	-	-	2	-	-	5	-	1	6	-	-	8
Natural gasoline.............	-	4	4	-	35	-	164	199	31	72	119	10	37	269	27	13	512
Unfractionated stream[1]......	-	-	-	-	-	-	-	-	-	117	-	72	-	189	79	-	268
Liquefied refinery gases:																	
Refinery output, total.........	1,311	105	1,416	26	1,851	124	655	2,656	385	2,565	1,804	79	48	4,881	167	1,148	10,268
Propane and/or propylene.....	1,182	66	1,248	26	1,838	113	647	2,624	290	2,256	1,426	49	8	4,029	126	883	8,910
Petrochemical.............	377	-	377	26	317	-	39	382	-	1,005	305	-	-	1,310	1	170	2,240
Other.....................	805	66	871	-	1,521	113	608	2,242	290	1,251	1,121	49	8	2,719	125	713	6,670
Butane and/or butylene.......	129	39	168	-	13	11	7	31	65	229	176	27	10	507	41	256	1,003
Petrochemical.............	118	-	118	-	-	-	1	1	12	206	98	21	-	337	-	31	487
Other.....................	11	39	50	-	13	11	6	30	53	23	78	6	10	170	41	225	516
Butane-propane mix...........	-	-	-	-	-	-	1	1	18	11	202	3	30	264	-	9	274
Petrochemical.............	-	-	-	-	-	-	-	-	-	10	-	-	-	10	-	-	10
Other.....................	-	-	-	-	-	-	1	1	18	1	202	3	30	254	-	9	264
Isobutane....................	-	-	-	-	-	-	-	-	12	69	-	-	-	81	-	-	81
*Stocks at refineries, total......	685	16	701	2	1,014	36	681	1,733	283	705	1,428	8	11	2,435	239	885	5,993
Propane and/or propylene.......	669	15	684	2	828	14	279	1,123	85	651	1,363	3	3	2,105	101	176	4,189
Petrochemical...............	54	-	54	2	61	-	3	66	-	7	-	-	-	7	-	-	127
Other.......................	615	15	630	-	767	14	276	1,057	85	644	1,363	3	3	2,098	101	176	4,062
Butane and/or butylene.........	16	1	17	-	186	22	225	433	198	46	64	5	7	320	133	593	1,496
Petrochemical...............	-	-	-	-	-	-	-	-	1	6	-	2	-	9	1	-	10
Other.......................	16	1	17	-	186	22	225	433	197	40	64	3	7	311	132	593	1,486
Butane-propane mix............	-	-	-	-	-	-	177	177	-	5	1	-	1	7	5	116	301
Petrochemical...............	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1
Other.......................	-	-	-	-	-	-	177	177	-	4	1	-	1	6	1	116	300
Isobutane.....................	-	-	-	-	-	-	-	-	-	3	-	-	-	3	4	-	7

Sources: Forms EIA-87 and 64.

**United States is defined as the 50 atates, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

*Stocks as of January 31, 1980.

[1] Includes Plant condensate.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	January 1980	December 1979	January 1979		
All Districts:					
Crude oil	9,635	6,521	5,484		
Motor gasoline[1]	18	23	53		
Jet fuel, total	37	55	46		
Naphtha-type	16	–	–		
Kerosene-type	21	55	46		
Ethane	1	–	–		
Liquefied gases, total	923	677	367		
Propane	432	410	231		
Butane	491	267	136		
Kerosene	1	5	2		
Distillate fuel oil	215	32	43		
Residual fuel oil	149	503	195		
Petrochemical feedstocks	1,094	1,111	1,196		
Special naphthas	29	150	22		
Lubricants	639	1,002	515		
Wax	40	92	64		
Coke	3,917	4,443	4,032		
Asphalt	6	10	8		
Miscellaneous products	10	13	15		
Total	16,714	14,637	12,042		
District I:					
Crude oil	–	144	–		
Motor gasoline	1	1	1		
Jet fuel, total	–	–	–		
Naphtha-type	–	–	–		
Kerosene-type	–	–	–		
Ethane	–	–	–		
Liquefied gases, total	24	42	34		
Propane	14	21	15		
Butane	10	21	19		
Kerosene	–	–	–		
Distillate fuel oil	–	1	–		
Residual fuel oil	–	–	–		
Petrochemical feedstocks	44	28	19		
Special naphthas	2	2	3		
Lubricants	197	225	109		
Wax	4	5	7		
Coke	330	342	248		
Asphalt	1	5	1		
Miscellaneous products	8	11	12		
Total	611	806	434		
District II:					
Crude oil	5,038	1,675	2,945		
Motor gasoline	–	–	–		
Jet fuel, total	–	–	–		
Naphtha-type	–	–	–		
Kerosene-type	–	–	–		
Liquefied gases, total	270	7	3		
Propane	105	2	1		
Butane	165	5	2		
Kerosene	–	–	–		
Distillate fuel oil	1	–	–		
Residual fuel oil	–	1	56		
Petrochemical feedstocks	33	23	32		
Special naphthas	–	–	1		
Lubricants	21	13	13		
Wax	1	1	2		
Coke	61	348	26		
Asphalt	1	1	1		
Miscellaneous products	–	–	–		
Total	5,426	2,069	3,079		

Continued on next page.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District (continued)

(Thousands of barrels)

Item	January 1980	December 1979	January 1979
District III:			
Crude oil	-	-	-
Motor gasoline	-	16	9
Jet fuel, total	16	-	-
Naphtha-type	16	-	-
Kerosene-type	-	-	-
Ethane	-	-	-
Liquefied gases, total	501	481	414
Propane	205	266	169
Butane	296	215	245
Kerosene	1	3	-
Distillate fuel oil	214	12	16
Residual fuel oil	-	296	176
Petrochemical feedstocks	975	848	390
Special naphthas	25	146	72
Lubricants	381	704	375
Wax	30	77	14
Coke	1,642	1,687	1,050
Asphalt	2	2	2
Miscellaneous products	2	2	1
Total	3,789	4,274	2,519
District IV:			
Crude oil	51	159	16
Liquefied gases, total	-	-	-
Propane	-	-	-
Butane	-	-	-
Kerosene	-	-	1
Petrochemical feedstocks	-	1	-
Special naphthas	-	-	1
Lubricants	2	-	1
Coke	-	-	-
Asphalt	1	-	3
Miscellaneous products	-	-	-
Total	54	160	22
District V:			
Crude oil	4,546	4,543	335
Motor gasoline	17	6	18
Jet fuel, total	21	55	42
Naphtha-type	-	-	-
Kerosene-type	21	55	42
Ethane	1	-	-
Liquefied gases, total	128	147	147
Propane	108	121	97
Butane	20	26	50
Kerosene	-	2	1
Distillate fuel oil	-	19	2
Residual fuel oil	149	206	128
Petrochemical feedstocks	42	211	107
Special naphthas	2	2	4
Lubricants	38	60	55
Wax	5	9	4
Coke	1,884	2,066	1,079
Asphalt	1	2	3
Miscellaneous products	-	-	-
Total	6,834	7,328	1,925

Sources: Bureau of the Census publications EM 522, FT 800, and Form EIA-87.

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U. S. possessions.

[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

February 1980

Production of crude petroleum (including lease condensate) in the United States* during February averaged 8,696,000 barrels per day, an increase of 48,000 barrels per day above the January level, reports the Energy Information Administration, United States Department of Energy. Compared with February of last year, this represented an increase of 198,000 barrels per day, or 2.3 percent. Imports of crude oil for the month of February averaged 5,936,000 barrels per day, representing a decrease of 423,000 barrels per day below the January 1980 level and a decrease of 586,000 barrels per day, or 9.0 percent below the amount reported for February 1979. There were no imports of crude oil into the Strategic Petroleum Reserve during February 1980. Stocks of crude oil at the end of February totaled 452,839,000 barrels as compared with 444,802,000 barrels at the end of the previous month and 381,147,000 barrels at the end of February 1979. At the end of February, stocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during February was 14,546,000 barrels per day. This figure reflects a decrease of 83,000 barrels per day, or 0.6 percent below that reported for January 1980 and a decrease of 65,000 barrels per day, or 0.4 percent below the February 1979 level. The operating ratio of all refineries in the United States* during February averaged 80.9 percent of the total operable crude oil distillation capacity. This compares with 81.5 percent in January 1980 and 83.6 percent in February 1979. These ratios are based upon the beginning-of-the-month operable capacities of 17,978,000 barrels per day for February, 17,948,000 barrels per day for January 1980, and 17,486,000 barrels per day for February 1979.

Production of products at natural gas processing plants during February averaged 1,651,000 barrels per day compared with 1,647,000 barrels per day for the previous month and 1,703,000 barrels per day during February 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of February totaled 96,835,000 barrels. This was 4.7 million barrels below the stocks on January 1980 and 3.4 million barrels below those at the end of February 1979.

Total disposition of primary supply of all oils in February averaged 19,272,000 barrels per day. It included 18,721,000 barrels per day of products supplied for domestic use, crude oil exports of 310,000 barrels per day, refined products exports of 227,000 barrels per day, and crude oil losses of 15,000 barrels per day. Compared with February of last year, total products supplied for domestic use decreased by 2,424,000 barrels per day, or 11.5 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 35, 20, and 17 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 515.1 for February 1980, compared with 513.6 for January 1980 and 322.2 for February 1979 reports the Bureau of Labor Statistics publication, "Producer Price Indexes-February 1980." The unadjusted producer price index for refined products was 620.3 for February 1980, compared with 582.4 for January 1980 and 348.8 for February 1979.

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*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

> A new format for presenting summary data on supply, disposition, and stocks of all oils is being introduced in this month's report (See Table 1a, page 3.) This table will replace Table 1 in the April 1980 report and all subsequent reports.

Prepared June 26, 1980 in the Office of Oil & Gas Statistics

Released for printing July 9, 1980.

TABLE 1. - Supply, disposition, and stocks of all oils

Item	February 1980		January 1980		February 1979	January - February (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Domestic production:							
Crude oil	240,641	8,298	255,825	8,252	8,129	496,466	478,773
Lease condensate	11,545	398	12,261	396	369	23,806	21,342
Natural gas plant liquids	47,873	1,651	51,060	1,647	1,703	98,933	101,884
Imports:							
Crude oil[1]	172,146	5,936	197,137	6,359	6,522	369,283	395,310
Unfinished oils	2,043	70	3,473	112	16	5,516	1,732
Natural gasoline	-	-	-	-	-	-	-
Plant condensate	392	14	579	19	14	971	856
Refined products	52,989	1,827	57,409	1,852	2,032	110,398	124,019
Other hydrocarbons and hydrogen refinery input	1,533	53	1,996	64	32	3,529	2,000
Total new supply	529,162	18,247	579,740	18,701	18,818	1,108,902	1,125,916
Unaccounted for crude oil[2]	+2,299	+79	-1,547	-50	-391	+752	-25,857
Processing gain	18,983	655	18,587	600	469	37,570	27,016
Total supply	550,444	18,981	596,780	19,251	18,896	1,147,224	1,127,075
Change in stocks, all oils	-8,444	-291	+5,832	+188	-2,752	-2,612	-131,986
Total disposition of primary supply	558,888	19,272	590,948	19,063	21,648	1,149,836	1,259,061
Exports:							
Crude oil	8,982	310	9,635	311	288	18,617	13,560
Refined products[3]	6,571	227	7,079	228	200	13,650	12,148
Crude losses	438	15	468	15	15	906	909
Products Supplied for Domestic Use:							
Gasoline, total	192,304	6,631	197,236	6,362	7,295	389,540	418,627
Motor gasoline	191,233	6,594	196,398	6,335	7,267	387,631	417,146
Aviation gasoline	1,071	37	838	27	28	1,909	1,481
Jet fuel, total	31,082	1,072	34,145	1,101	1,137	65,227	65,934
Naphtha-type	5,474	189	6,333	204	199	11,807	11,231
Kerosene-type	25,608	883	27,812	897	939	53,420	54,703
Ethane (including ethylene)	11,238	388	12,523	404	319	23,761	20,615
Liquefied gases	41,351	1,426	49,688	1,603	1,654	91,039	102,187
Kerosene	6,769	233	7,400	239	341	14,169	19,816
Distillate fuel oil	107,465	3,706	115,680	3,732	4,792	223,145	275,010
Residual fuel oil	89,879	3,099	88,827	2,865	3,589	178,706	210,545
Petrochemical feedstocks[4]	22,766	785	25,446	821	604	48,212	34,732
Special naphthas	2,819	97	3,356	108	110	6,175	6,654
Lubricants	5,019	173	5,427	175	165	10,446	9,794
Wax	470	16	481	16	16	951	1,003
Coke	6,258	216	7,592	245	236	13,850	14,007
Asphalt	5,735	198	5,732	185	193	11,467	11,451
Road oil	79	3	54	2	1	133	58
Still gas	15,775	544	16,365	528	542	32,140	32,834
Miscellaneous products	3,814	132	3,743	121	149	7,557	9,038
Natural gasoline[6]	62	2	69	2	1	131	122
Unfractionated stream (including Plant condensate	12	(s)	2	(s)	(s)	14	17
Total	542,897	18,721	573,766	18,509	21,145	1,116,663	1,232,444
Stocks all oils:							
Crude oil and lease condensate[5]	452,839	---	444,802	---	381,147*	---	---
Unfinished oils	111,217	---	112,343	---	105,074*	---	---
Natural gasoline[6]	9,959	---	9,108	---	6,913*	---	---
Unfractionated stream (including Plant condensate)	4,634	---	4,185	---	4,013*	---	---
Refined products	760,794	---	777,449	---	652,965*	---	---
Total	1,339,443	---	1,347,887	---	1,150,112*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

* Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

[1] Imports of crude oil include some Athabasca hydrocarbons. Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 0.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[3] Exports to noncontiguous territories are estimated; Department of Commerce data not available, except for February 1980.

[4] Produced at petroleum refineries. Ethane and liquefied gases used for petrochemical feedstocks are excluded. Data for these products for petrochemical feedstock use are included under the items "Ethane" and "Liquefied gases."

[5] Includes crude oil located in the Strategic Petroleum Reserve: Current month, 91,191.

[6] Includes isopentane.

TABLE 1a. - Supply, disposition and stocks of all oils

		February 1980		January 1980		February 1979	January - February (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	47,274	1,630	50,666	1,634	1,267	97,940	77,355
(2)	Lower 48 states	204,912	7,066	217,420	7,014	7,232	422,332	422,760
(3)	Total U.S	252,186	8,696	268,086	8,648	8,498	520,272	500,115
	Imports:							
(4)	Imports (gross excl. SPR)[1]	172,146	5,936	197,137	6,359	6,344	369,283	383,974
(5)	SPR imports	0	0	0	0	179	0	11,336
(6)	Exports[2]	-8,982	-310	-9,635	-311	-288	-18,617	-13,560
(7)	Imports (net including SPR)	163,164	5,626	187,502	6,048	6,234	350,666	381,750
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	0	0	0	0	-179	0	-11,306
(9)	Other stock withdrawals (plus) or additions (minus)	-8,037	-277	-14,531	-469	-9	-22,568	+6,934
(10)	Used directly & losses	-885	-31	-941	-30	-31	-1,826	-1,829
(11)	Unaccounted for[3]	+2,299	+79	-1,547	-50	-391	+752	-25,857
(12)	Total other source	-6,623	-228	-17,019	-549	-431	-23,642	-32,058
(13)	Crude input to refineries (13) = (3) + (7) + (12)	408,727	14,094	438,569	14,147	14,121	847,296	849,807
	Natural gas plant liquids (NGPL):							
(14)	Production	47,873	1,651	51,060	1,647	1,703	98,933	101,884
(15)	Imports	392	14	579	19	14	971	856
(16)	Stock withdrawals	-1,300	-45	+1,012	+33	-25	-288	-205
(17)	Total NGPL Supply	46,965	1,619	52,651	1,698	1,692	99,616	102,535
	Other liquids:							
	Unfinished oils:							
(18)	Imports	2,043	70	3,473	112	16	5.516	1,732
(19)	Stock withdrawals	+1,126	+39	+5,309	+171	+88	+6,435	+3,649
(20)	Net reruns, input (plus) output (minus)	3,169	109	8,782	283	104	11,951	5,381
(21)	Other hydrocarbons	1,533	53	1,996	64	32	3,529	2,000
(22)	Refinery processing gain	18,983	655	18,587	600	469	37,570	27,016
(23)	Crude used directly	447	15	473	15	16	920	920
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	24,132	832	29,838	963	621	53,970	35,317
(25)	Total production of refined products (25) = (13) + (17) + (24)	479,824	16,546	521,058	16,808	16,435	1,000,882	987,659
	Refined product imports:							
(26)	Imports (gross)	52,989	1,827	57,409	1,852	2,032	110,398	124,019
(27)	Exports	-6,571	-227	-7,079	-228	-200	-13,650	-12,148
(28)	Imports (net)	46,418	1,601	50,330	1,624	1,833	96,748	111,871
(29)	Total new supply of produots (29) = (25) + (28)	526,242	18,146	571,388	18,432	18,268	1,097,630	1,099,530
(30)	Refined products stock withdrawn	16,655	574	2,378	77	2,877	19,033	132,914
(31)	Total products supplied for domestic use (31) = (29) + (30)	542,897	18,721	573,766	18,509	21,145	1,116,663	1,232,444
(32)	Motor gasoline	191,233	6,594	196,398	6,335	7,267	387,631	417,146
(33)	Distillate fuel oil	107,465	3,706	115,680	3,732	4,792	223,145	275,010
(34)	Residual fuel oil	89,879	3,099	88,827	2,865	3,589	178,706	210,545
(35)	Jet fuel, total	31,082	1,072	34,145	1,101	1,137	65,227	65,934
(36)	Liquefied gases	41,351	1.426	49,688	1,603	1,654	91,039	102,187
(37)	Other	81,887	2,824	89,028	2,872	2,706	170,915	161,622
(38)	Total products supplied (38) = (32) through (37)	542,897	18,721	573,766	18,509	21,145	1,116,663	1,232,444
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	361,648	---	353,611	---	302,981*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	78,166*	---	---
(41)	Unfinished oils	111,217	---	112,343	---	105,074*	---	---
(42)	Natural gasoline[4] and unfractionated stream[5]	14,593	---	13,293	---	10,926*	---	---
(43)	Refined products	760,794	---	777,449	---	652,965*	---	---
(44)	Total	1,339,443	---	1,347,887	---	1,150,112*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Forms ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

*Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories are estimated: Department of Commerce data not available, except for February 1980.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total dispostion exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

TABLE 2. - Comparative supply and disposition statistics

Item	February 1980		January 1980		February 1979	January - February (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Gross input to crude oil distillation units.	421,843	14,546	453,486	14,629	14,611	875,329	876,516
Isopentane:							
Production	557	19	591	19	19	1,148	1,081
Stocks at plants	320	---	231	---	72*	320	72
Used at refineries	468	16	668	22	18	1,136	1,056
Supplied for domestic use	-	-	-	-	-	-	-
Natural gasoline:							
Production	7,834	270	8,456	273	278	16,290	17,466
Stocks, total	9,639	---	8,877	---	6,841*	9,639	6,841
At refineries	587	---	512	---	1,721*	587	1,721
At plants	9,052	---	8,365	---	5,120*	9,052	5,120
Imports	-	-	-	-	-	-	-
Used at refineries	7,010	242	9,095	293	245	16,105	16,981
Supplied for domestic use	62	2	69	2	1	131	122
Unfractionated stream (including Plant condensate):							
Production	1,904	66	2,070	67	182	3,974	8,240
Stocks, total	4,634	---	4,185	---	4,013*	4,634	4,013
At refineries	215	---	268	---	449*	215	449
At plants	4,419	---	3,917	---	3,564*	4,419	3,564
Imports	392	14	579	19	14	971	856
Used at refineries	1,835	63	2,874	93	202	4,709	9,262
Supplied for domestic use	12	(s)	2	(s)	(s)	14	17
Finished gasoline:							
Production, total	200,227	6,904	217,470	7,015	6,976	417,697	422,132
At refineries	199,707	6,886	217,003	7,000	6,960	416,710	421,140
At gas processing plants	520	18	467	15	15	987	992
Stocks, total	277,282	---	264,938	---	254,357*	277,282	254,357
At refineries	277,057	---	264,721	---	254,163*	277,057	254,163
At plants	225	---	217	---	194*	225	194
Imports	4,433	153	4,382	141	160	8,815	10,016
Exports	12	(s)	18	1	2	30	95
Supplied for domestic use	192,304	6,631	197,236	6,362	7,295	389,540	418,627
Motor gasoline:							
Production, total	199,116	6,866	216,684	6,990	6,954	415,800	420,663
At refineries	198,667	6,851	216,276	6,977	6,941	414,943	419,767
At gas processing plants	449	15	408	13	13	857	896
Stocks, total	274,575	---	262,271	---	251,460*	274,575	251,460
At refineries	274,422	---	262,134	---	251,346*	274,422	251,346
At plants	153	---	137	---	114*	153	114
Imports	4,433	153	4,382	141	160	8,815	10,016
Exports	12	(s)	18	1	2	30	95
Supplied for domestic use	191,233	6,594	196,398	6,335	7,267	387,631	417,146
Aviation gasoline:							
Production, total	1,111	38	786	25	21	1,897	1,469
At refineries	1,040	36	727	23	20	1,767	1,373
At gas processing plants	71	2	59	2	2	130	96
Stocks, total	2,707	---	2,667	---	2,897*	2,707	2,897
At refineries	2,635	---	2,587	---	2,817*	2,635	2,817
At plants	72	---	80	---	80*	72	80
Imports	-	-	-	-	-	-	-
Supplied for domestic use	1,071	37	838	27	28	1,909	1,481
Jet fuel, total:							
Production	29,749	1,026	31,118	1,004	996	60,867	57,357
Stocks	38,258	---	38,412	---	30,449*	38,258	30,449
Imports	1,238	43	2,956	95	88	4,194	5,452
Exports	59	2	37	1	2	96	93
Supplied for domestic use	31,082	1,072	34,145	1,101	1,137	65,227	65,934
Naphtha-type:							
Production, total	5,520	190	5,385	174	160	10,905	9,690
At refineries	5,520	190	5,385	174	160	10,905	9,690
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	6,211	---	5,585	---	5,678*	6,211	5,678
At refineries	6,211	---	5,585	---	5,678*	6,211	5,678
At plants	-	---	-	---	-*	-	-
Imports	584	20	955	31	18	1,539	1,259
Exports	4	(s)	16	1	-	20	-
Supplied for domestic use	5,474	189	6,333	204	199	11,807	11,231
Kerosene-type:							
Production	24,229	835	25,733	830	836	49,962	47,667
Stocks	32,047	---	32,827	---	24,771*	32,047	24,771
Imports	654	23	2,001	65	70	2,655	4,193
Exports	55	2	21	1	2	76	93
Supplied for domestic use	25,608	883	27,812	897	939	53,420	54,703

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	February 1980		January 1980		February 1979	January - February (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Ethane (including ethylene):							
Production, total	9,058	312	9,578	309	308	18,636	19,218
At refineries	247	9	225	7	7	472	519
At gas processing plants	8,811	304	9,353	302	300	18,164	18,699
Stocks, total	4,350	---	4,412	---	6,751*	4,350	6,751
At refineries	-	---	-	---	-*	-	-
At plants	4,350	---	4,412	---	6,751*	4,350	6,751
Imports	2,118	73	1,600	52	(s)	3,718	1,298
Exports	-	-	1	(s)	-	1	-
Supplied for domestic use, total	11,238	388	12,523	404	319	23,761	20,615
Refinery ethane/ethylene	247	9	225	7	7	472	519
Plant ethane	10,991	379	12,298	397	312	23,289	20,096
Liquefied gases:							
Production, total	38,010	1,311	40,112	1,294	1,222	78,122	74,088
At refineries (L.R.G.), total	10,001	345	10,268	331	318	20,269	19,038
For fuel use	7,111	245	7,450	240	216	14,561	12,829
For chemical use	2,890	100	2,818	91	101	5,708	6,209
At gas processing plants (L.P.G.)	28,009	966	29,844	963	904	57,853	55,050
Stocks, total	86,089	---	92,296	---	92,383*	86,089	92,383
L.R.G., total	5,607	---	5,993	---	5,717*	5,607	5,717
For fuel use	5,424	---	5,848	---	5,500*	5,424	5,500
For chemical use	183	---	145	---	217*	183	217
L.P.G., total	80,482	---	86,303	---	86,666*	80,482	86,666
At refineries	2,145	---	2,074	---	2,320*	2,145	2,320
At plants	78,337	---	84,229	---	84,346*	78,337	84,346
Imports	5,186	179	6,574	212	238	11,760	12,834
Exports	767	26	923	30	16	1,690	814
L.P.G. used at refineries	7,285	251	9,012	291	292	16,297	17,578
Supplied for domestic use, total	41,351	1,426	49,688	1,603	1,654	91,039	102,187
L.R.G. for fuel use	7,535	260	7,478	241	247	15,013	14,471
L.R.G. for chemical use	2,852	98	2,797	90	101	5,649	6,261
L.P.G. for fuel and chemical use	30,964	1,068	39,413	1,271	1,306	70,377	81,455
Propane (including propylene):							
Production, total	21,564	744	23,021	743	708	44,585	43,516
At refineries, total	8,449	291	8,910	287	262	17,359	15,478
For fuel use	6,156	212	6,670	215	174	12,826	10,661
For chemical use	2,293	79	2,240	72	87	4,533	4,817
At gas processing plants	13,115	452	14,111	455	447	27,226	28,038
Stocks, total	48,293	---	53,880	---	62,065*	48,293	62,065
Refinery propane/propylene, total	3,848	---	4,189	---	3,638*	3,848	3,638
For fuel use	3,684	---	4,062	---	3,453*	3,684	3,453
For chemical use	164	---	127	---	185*	164	185
Plant propane, total	44,445	---	49,691	---	58,427*	44,445	58,427
At refineries	242	---	179	---	379*	242	379
At plants	44,203	---	49,512	---	58,048*	44,203	58,048
Imports	2,762	95	3,835	124	76	6,597	5,871
Exports	371	13	432	14	10	803	497
Plant propane used at refineries	433	15	346	11	13	779	711
Supplied for domestic use, total	29,109	1,004	36,088	1,164	1,128	65,197	70,164
Refinery propane/propylene, total	8,790	303	8,865	286	296	17,655	16,991
For fuel use	6,534	225	6,645	214	209	13,179	12,122
For chemical use	2,256	78	2,220	72	88	4,476	4,869
Plant propane	20,319	701	27,223	878	831	47,542	53,173
Butane (including butylene):							
Production, total	6,965	240	7,282	235	225	14,247	13,800
At refineries, total	1,164	40	1,003	32	34	2,167	2,371
For fuel use	785	27	516	17	26	1,301	1,336
For chemical use	379	13	487	16	7	866	1,035
At gas processing plants	5,801	200	6,279	203	191	12,080	11,429
Stocks, total	20,914	---	22,074	---	14,666*	20,914	14,666
Refinery butane/butylene, total	1,428	---	1,496	---	1,945*	1,428	1,945
For fuel use	1,419	---	1,486	---	1,930*	1,419	1,930
For chemical use	9	---	10	---	15*	9	15
Plant butane, total	19,486	---	20,578	---	12,721*	19,486	12,721
At refineries	1,027	---	1,058	---	923*	1,027	923
At plants	18,459	---	19,520	---	11,798*	18,459	11,798
Imports	1,718	59	2,295	74	62	4,013	3,429
Exports	396	14	491	16	6	887	317
Plant butane used at refineries	4,074	140	5,502	177	140	9,576	8,905
Supplied for domestic use, total	5,373	185	6,794	219	211	12,167	15,606
Refinery butane/butylene, total	1,232	42	1,018	33	29	2,250	2,532
For fuel use	852	29	534	17	22	1,386	1,493
For chemical use	380	13	484	16	7	864	1,039
Plant butane	4,141	143	5,776	186	182	9,917	13,074

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	February 1980		January 1980		February 1979	January - February (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Liquefied gases (continued):							
Butane-propane mixture:							
Production, total	274	9	372	12	22	646	1,133
At refineries, total	188	6	274	9	18	462	943
For fuel use	170	6	264	9	16	434	832
For chemical use	18	1	10	(s)	2	28	111
At gas processing plants	86	3	98	3	3	184	190
Stocks, total	1,826	---	1,818	---	1,422*	1,826	1,422
Refinery butane-propane mixture, total	322	---	301	---	122*	322	122
For fuel use	321	---	300	---	117*	321	117
For chemical use	1	---	1	---	5*	1	5
Plant butane-propane mixture, total	1,504	---	1,517	---	1,300*	1,504	1,300
At refineries	6	---	8	---	6*	6	6
At plants	1,498	---	1,509	---	1,294*	1,498	1,294
Imports	706	24	444	14	100	1,150	3,534
Plant butane-propane mixture used at refineries	177	6	184	6	13	361	721
Supplied for domestic use, total	795	27	532	17	105	1,327	4,101
Refinery butane-propane mixture, total	167	6	309	10	18	476	964
For fuel use	149	5	299	10	16	448	856
For chemical use	18	1	10	(s)	2	28	108
Plant butane-propane mixture	628	22	223	7	87	851	3,137
Ethane-propane mixture:							
Production	6,092	210	6,267	202	168	12,359	9,646
Stocks	5,609	---	5,393	---	7,596*	5,609	7,596
Imports	-	-	-	-	-	-	-
Supplied for domestic use	5,876	203	6,191	200	206	12,067	12,071
Isobutane:							
Production, total	3,115	107	3,170	102	99	6,285	5,993
At refineries	200	7	81	3	4	281	246
At gas processing plants	2,915	101	3,089	100	95	6,004	5,747
Stocks, total	9,447	---	9,131	---	6,634*	9,447	6,634
Refinery isobutane	9	---	7	---	12*	9	12
Plant isobutane, total	9,438	---	9,124	---	6,622*	9,438	6,622
At refineries	870	---	829	---	1,012*	870	1,012
At plants	8,568	---	8,295	---	5,610*	8,568	5,610
Plant isobutane used at refineries	2,601	90	2,980	96	126	5,581	7,241
Supplied for domestic use:							
Refinery isobutane for chemical use	198	7	83	3	4	281	245
Kerosene (including range oil):							
Production, total	5,353	185	5,148	166	264	10,501	14,353
At refineries	5,350	184	5,144	166	264	10,494	14,346
At gas processing plants	3	(s)	4	(s)	(s)	7	7
Stocks, total	13,283	---	14,044	---	9,788*	13,283	9,788
At refineries	13,281	---	14,042	---	9,785*	13,281	9,785
At plants	2	---	2	---	3*	2	3
Imports	656	23	473	15	18	1,129	918
Exports	1	(s)	1	(s)	(s)	2	4
Supplied for domestic use	6,769	233	7,400	239	341	14,169	19,816
Distillate fuel oil:							
Production, total	80,579	2,779	93,734	3,024	2,864	174,313	173,344
At refineries	80,565	2,778	93,721	3,023	2,863	174,286	173,320
At gas processing plants	14	(s)	13	(s)	(s)	27	24
Crude used directly as distillate	43	1	44	1	2	87	87
Stocks, total	191,482	---	212,144	---	127,051*	191,482	127,051
At refineries, total	191,464	---	212,126	---	127,034*	191,464	127,034
No. 4 fuel oil	3,626	---	3,866	---	2,796*	3,626	2,796
Other	187,838	---	208,260	---	124,238*	187,838	124,238
At plants	18	---	18	---	17*	18	17
Imports	6,420	221	5,538	179	196	11,958	12,479
Exports	239	8	215	7	7	454	239
Supplied for domestic use	107,465	3,706	115,680	3,732	4,792	223,145	275,010
Residual fuel oil:							
Production	51,327	1,770	54,756	1,766	1,792	106,083	109,309
Crude used directly as residual	404	14	429	14	14	833	833
Stocks	90,959	---	97,153	---	68,229*	90,959	68,229
Imports	[2]32,457	1,119	35,085	1,132	1,300	67,542	78,894
Exports	503	17	149	5	10	652	466
Supplied for domestic use	89,879	3,099	38,827	2,865	3,589	178,706	210,545
Petrochemical feedstocks (excluding ethane and liquefied gases)[1]:							
Production	24,025	828	26,243	847	622	50,268	35,969
Stocks	4,985	---	4,051	---	4,562*	4,985	4,562
Imports, total	215	7	353	11	9	568	604
Naphtha-400	-	-	-	-	-	-	-
Other	215	7	353	11	9	568	604
Exports, total	540	19	1,094	35	19	1,634	1,721
Naphtha-400	332	11	130[3]	4[3]	4	462	186
Other	208	7	964[3]	31[3]	15	1,172	1,535
Supplied for domestic use, total	22,766	785	25,446	821	604	48,212	34,732
Still gas	1,343	46	1,603	52	48	2,946	2,432
Naphtha-400	7,999	276	8,485[3]	274[3]	182	16,484	11,511
Other	13,424	463	15,358[3]	495[3]	374	28,782	20,789

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	February 1980		January 1980		February 1979	January - February (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Special naphthas:							
Production, total	3,118	108	3,324	107	100	6,442	5,893
At refineries	2,988	103	3,160	102	97	6,148	5,746
At gas processing plants	130	4	164	5	3	294	147
Stocks, total	4,529	---	4,231	---	4,273*	4,529	4,273
At refineries	4,448	---	4,133	---	4,208*	4,448	4,208
At plants	81	---	98	---	65*	81	65
Imports	28	1	34	1	15	62	985
Exports	29	1	29	1	2	58	78
Supplied for domestic use	2,819	97	3,356	108	110	6,175	6,654
Lubricants:							
Production	5,300	183	5,672	183	193	10,972	11,204
Stocks	12,292	---	12,410	---	13,016*	12,292	13,016
Imports	172	6	255	8	8	427	402
Exports, total	571	20	639	21	18	1,210	1,029
Grease	12	(s)	18	1	1	30	39
Oil	559	19	621	20	18	1,180	990
Supplied for domestic use	5,019	173	5,427	175	165	10,446	9,794
Wax (1 bbl. = 280 lbs.):							
Production	494	17	510	16	18	1,004	1,080
Stocks	648	---	720	---	712*	648	712
Imports	-	-	-	-	-	-	-
Exports	96	3	40	1	2	136	124
Supplied for domestic use	470	16	481	16	16	951	1,003
Coke (5 bbls. = 1 short ton):							
Production, total	10,858	374	11,488	371	361	22,346	21,608
Marketable coke	6,076	210	6,276	202	188	12,352	11,320
Catalyst coke	4,782	165	5,212	168	173	9,994	10,288
Stocks	6,059	---	5,189	---	11,230*	6,059	11,230
Exports	3,730	129	3,917	126	122	7,647	7,439
Supplied for domestic use	6,258	216	7,592	245	236	13,850	14,007
Asphalt (5.5 bbls. = 1 short ton):							
Production	9,497	327	9,996	322	303	19,493	17,507
Stocks	27,151	---	23,345	---	26,879*	27,151	26,879
Imports	57	2	46	1	-	103	-
Exports	13	(s)	6	(s)	(s)	19	21
Supplied for domestic use	5,735	198	5,732	185	193	11,467	11,451
Road oil:							
Production	128	4	143	5	1	271	78
Stocks	482	---	433	---	248*	482	248
Supplied for domestic use	79	3	54	2	1	133	58
Still gas for fuel:							
Production	15,775	544	16,365	528	542	32,140	32,834
Miscellaneous products:							
Production, total	3,090	107	3,869	125	147	6,959	8,204
At refineries	2,999	103	3,771	122	145	6,770	8,026
At gas processing plants	91	3	98	3	2	189	178
Stocks, total	2,945	---	3,671	---	3,037*	2,945	3,037
At refineries	2,914	---	3,629	---	2,964*	2,914	2.964
At plants	31	---	42	---	73*	31	73
Imports	9	(s)	113	4	(s)	122	137
Exports	11	(s)	10	(s)	(s)	21	25
Supplied for domestic use	3,814	132	3,743	121	149	7,557	9,038
Unfinished oils (net):							
Input (plus) Output (minus)	+3,169	+109	+8,782	+283	+104	+11,951	+5,381
Stocks	111,217	---	112,343	---	105,074*	111,217	105,074
Imports	2,043	70	3,473	112	16	5,516	1,732

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

* Stock: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.
"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 260.

[3] Revised.

TABLE 3. - Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	February 1980		January 1980	February	January - February (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,422	118.0	122.8	3,698	7,228	7,680
New York	*67	2.3	2.3	53	139	121
Pennsylvania	*278	9.6	10.2	277	594	596
Virginia	-	-	-	-	-	-
West Virginia	*67	2.3	5.6	168	241	342
Total	*3,834	132.2	140.9	4,196	8,202	8,739
District II:						
Illinois	1,800	62.1	62.4	1,650	3,735	3,500
Indiana	*334	11.5	11.7	300	697	663
Kansas	4,672	161.1	159.9	4,180	9,629	8,383
Kentucky	444	15.3	13.3	373	856	769
Michigan	*2,764	95.3	70.0	2,629	4,934	5,560
Missouri	*4	0.1	0.1	5	8	11
Nebraska	480	16.6	16.2	452	983	935
North Dakota	3,140	108.3	96.5	2,053	6,130	4,275
Ohio	*1,000	34.5	34.3	980	2,063	2,037
Oklahoma	12,007	414.0	405.6	12,135	24,581	24,258
South Dakota	59	2.0	2.1	67	123	136
Tennessee	44	1.5	1.6	32	93	78
Total	*26,748	922.3	873.7	24,856	53,832	50,605
District III:						
Alabama	1,734	59.8	59.2	1,499	3,570	3,170
Arkansas	1,483	51.1	50.5	1,513	3,047	3,056
Louisiana, total	38,437	1,325.4	1,354.2	37,500	80,418	78,889
Gulf Coast	35,821	1,235.2	1,265.2	35,068	75,041	73,732
Rest of State	2,616	90.2	89.1	2,432	5,377	5,157
Mississippi	3,396	117.1	106.7	2,963	6,704	6,191
New Mexico, total	6,215	214.3	215.5	6,091	12,896	12,642
Southeastern	5,704	196.7	199.3	5,682	11,883	11,741
Northwestern	511	17.6	16.2	409	1,013	901
Texas, total	78,101	2,693.1	2,693.9	79,814	161,611	166,774
District 01	1,496	51.6	54.5	1,520	3,186	3,203
District 02	3,923	135.3	136.9	4,162	8,168	8,763
District 03	9,935	342.6	319.9	10,044	19,851	21,078
District 04	2,478	85.4	86.6	2,391	5,163	5,076
District 05	893	30.8	30.5	1,008	1,840	2,069
District 06, except East Texas	4,077	140.6	144.6	4,332	8,560	8,985
East Texas	4,616	159.2	161.8	4,678	9,633	9,841
District 07B	2,212	76.3	76.1	2,217	4,571	4,591
District 07C	2,521	86.9	87.4	2,353	5,229	4,893
District 08	19,351	667.3	663.7	19,484	39,926	40,470
District 08A	22,447	774.0	789.0	23,636	46,906	49,667
District 09	2,640	91.0	91.5	2,539	5,477	5,221
District 10	1,512	52.1	51.3	1,450	3,101	2,917
Total	129,366	4,460.9	4,480.0	129,380	268,246	270,722
District IV:						
Colorado	2,341	80.7	81.6	2,604	4,871	5,450
Montana	2,432	83.9	83.6	2,109	5,023	4,555
Utah	2,170	74.8	63.2	2,107	4,130	4,475
Wyoming	*10,121	349.0	338.7	10,164	20,621	21,051
Total	*17,064	588.4	567.1	16,984	34,645	35,531
District V:						
Alaska[2]	47,274	1.630.1	1,634.4	35,472	97,940	77,355
Arizona	39	1.3	1.3	35	80	74
California, total	27,772	957.7	947.5	26,941	57,144	56,897
South	6,654	229.4	230.6	6,964	13,804	14,670
Central Coastal	4,705	162.2	166.5	4,692	9,867	9,939
East Central	16,395	565.3	549.8	15,265	33,438	32,247
North	18	0.6	0.5	20	35	41
Nevada	89	3.1	3.0	92	183	192
Total	75,174	2,592.2	2,586.2	62,540	155,347	134,518
**United States, total	*252,186	8,696.1	8,647.9	237,956	520,272	500,115
Pennsylvania Grade (included above)	*1,082	37.3	40.8	1,155	2,346	2,427

Sources: ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

[1] Includes offshore production.

[2] North Slope Production: Current month, 44,300, Year-to-date, 91,638.

* Estimate.

**United States is defined as the 50 States, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State [1]

(Thousands of barrels)

State	February 1980		January 1980	February	January - February (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alaska[2]	2,652	91.4	95.6	3,270	5,615	6,799
California, total	4,004	138.1	168.1	4,163	9,214	8,640
Federal	824	28.4	29.1	880	1,727	1,850
State	3,180	109.7	138.9	3,283	7,487	6,790
Louisiana, total	23,260	802.1	830.2	21,951	48,996	46,322
Federal	21,037	725.4	753.1	19,609	44,384	41,488
State	2,223	76.7	77.1	2,342	4,612	4,834
Texas, total	673	23.2	22.9	382	1,384	797
Federal	501	17.3	16.0	186	996	390
State	172	5.9	7.0	196	388	407
*United States, total	30,589	1,054.8	1,116.8	29,766	65,209	62,558

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundaries.

* United States is defined as the 50 States, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 4. - Production of lease condensate by State

(Thousands of barrels)

State	February 1980		January 1980	February 1979	January - February (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Alabama	950	32.8	32.1	637	1,946	1,368
California	18	0.6	0.6	19	37	38
Louisiana	6,163	212.5	215.4	5,866	12,839	12,172
Mississippi	*148	5.1	4.9	113	299	236
New Mexico	486	16.8	15.3	350	959	723
Oklahoma	619	21.3	17.8	543	1,171	1,001
Texas	3,161	109.0	109.5	2,810	6,555	5,804
Total	*11,545	398.1	395.5	10,338	23,806	21,342

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

Supply and Disposition	February 1980		January 1980	February 1979	January - February (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Supply:						
Production	*252,186	8,696	8,648	237,956	520,272	500,115
Imports	172,146	5,936	6,359	182,629	369,283	395,310
Total new supply	*424,332	14,632	15,007	420,585	889,555	895,425
Stock changes:						
Domestic crude	+10,941	+377	+461	-1,685	+25,223	-4,359
Foreign crude	-2,904	-100	+8	+6,962	-2,655	+8,731
Unaccounted for[1]	+2,299	+79	-50	-10,960	+752	-25,857
Disposition by use, total	418,594	14,434	14,489	404,348	867,739	865,196
Refinery inputs, domestic crude	232,590	8,020	7,899	217,674	477,473	467,647
Refinery inputs, foreign crude	176,137	6,074	6,248	177,726	369,823	382,160
Exports	8,982	310	311	8,076	18,617	13,560
Transfers	447	15	15	447	920	920
Losses	438	15	15	425	906	909

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522, and EM 594; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	February 1980		January 1980	February	January - February (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	2,909	100.3	124.2	3,219	6,758	8,158
New York	60	2.1	2.4	52	133	120
Pennsylvania	295	10.2	5.6	260	470	632
Virginia	-	-	-	-	-	-
West Virginia	170	5.9	5.7	173	347	366
Total	3,434	118.4	137.9	3,704	7,708	9,276
District II:						
Illinois	1,826	63.0	59.5	1,749	3,670	3,901
Indiana	268	9.3	12.8	289	665	758
Kansas	3,566	123.0	143.3	4,201	8,008	8,463
Kentucky	287	9.9	12.8	357	683	837
Michigan	2,911	100.4	62.4	3,022	4,846	6,069
Missouri	4	0.1	0.1	5	8	11
Nebraska	282	9.7	18.7	466	862	1,024
North Dakota	2,815	97.1	94.0	1,719	5,730	3,962
Ohio	749	25.8	31.4	1,032	1,722	2,295
Oklahoma	12,006	414.0	428.1	11,398	25,276	24,861
South Dakota	60	2.1	2.1	66	124	135
Tennessee	39	1.3	1.6	32	88	77
Total	24,813	855.6	866.7	24,336	51,682	52,393
District III:						
Alabama	1,859	64.1	58.3	1,663	3,667	3,028
Arkansas	1,488	51.3	53.7	1,472	3,153	3,059
Louisiana	39,180	1,351.0	1,301.7	39,081	79,534	79,867
Mississippi	3,363	116.0	70.7	2,957	5,554	6,424
New Mexico	5,433	187.3	209.7	5,898	11,933	12,760
Texas	75,547	2,605.1	2,568.9	77,987	155,182	164,763
Total	126,870	4,374.8	4,263.0	129,058	259,023	269,901
District IV:						
Colorado	2,370	81.7	87.4	2,480	5,079	5,208
Montana	2,425	83.6	69.4	2,399	4,577	4,827
Utah	2,289	78.9	57.4	2,193	4,068	4,542
Wyoming	11,002	379.4	296.0	9,438	20,177	19,038
Total	18,086	623.7	510.2	16,510	33,901	33,615
District V:						
Alaska	40,898	1,410.3	1,484.9	39,197	86,929	82,916
Arizona	39	1.3	1.3	37	80	74
California	27,023	931.9	920.3	26,709	55,553	56,103
Nevada	82	2.8	2.9	90	173	196
Total	68,042	2,346.3	2,409.5	66,033	142,735	139,289
*United States:						
Domestic crude	241,245	8,318.8	8,187.2	239,641	495,049	504,474
Foreign crude	175,050	6,036.2	6,351.2	175,667	371,938	386,579
Total	416,295	14,355.0	14,538.5	415,308	866,987	891,053
Pennsylvania Grade (included above)	1,109	38.2	32.2	1,174	2,108	2,687

Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

* United States is defined as the 50 States, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	February 29, 1980	January 31, 1980	February 29, 1980				January 31, 1980
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland	-	-	2,025	-	-	2,025	1,055
Florida, Georgia, NC, VA, W. VA	2,666	2,256	2,031	690	50	2,771	2,439
New Hampshire, New York, Rhode Island	10	3	1,073	1,643	-	2,716	2,266
New Jersey	-	-	7,602	-	-	7,602	7,762
Pennsylvania	593	610	6,796	1,483	20	8,299	7,910
Total	3,269	2,869	19,527	3,816	70	23,413	21,432
District II:							
Illinois	2,156	2,182	5,431	17,152	71	22,654	22,562
Indiana	487	421	1,148	2,534	2	3,684	3,958
Iowa, Missouri, Nebraska	606	408	386	7,733	25	8,144	7,099
Kansas	5,847	4,741	2,854	8,087	224	11,165	10,191
Kentucky, Tennessee	425	263	1,591	4,711	11	6,313	4,983
Michigan	2,660	2,807	1,008	2,101	115	3,224	3,523
Minnesota, Wisconsin	-	-	2,763	2,951	-	5,714	5,608
North Dakota, South Dakota	2,323	1,999	313	1,080	118	1,511	1,441
Ohio	2,437	2,186	2,378	4,181	138	6,697	6,904
Oklahoma	14,519	14,518	2,068	23,744	675	26,487	26,208
Total	31,460	29,525	19,940	74,274	1,379	95,593	92,477
District III:							
Alabama	287	412	863	734	41	1,638	1,904
Arkansas	826	831	221	1,189	58	1,468	1,374
Louisiana	26,498	27,241	20,194	71,918	1,823	93,935	93,313
Mississippi	3,117	3,084	1,966	5,032	150	7,148	7,755
New Mexico	8,986	8,204	596	3,301	1,465	5,362	5,062
Texas	102,528	99,974	31,009	99,660	10,401	141 070	142,932
Total	142,242	139,746	54,849	[1]181,834	13,938	[2]250,621	252,340
District IV:							
Colorado	1,544	1,573	322	734	174	1,230	1,279
Montana	3,442	3,435	895	1,888	361	3,144	2,904
Utah	1,318	1,437	654	828	262	1,744	1,852
Wyoming	19,089	19,970	1,221	9,697	399	11,317	11,334
Total	25,393	26,415	3,092	13,147	1,196	17,435	17,369
District V:							
California	22,508	21,759	21,644	14,618	1,259	37,521	37,543
Other States [3]	46,622	40,239	7,914	20,294	48	28,256	23,641
Total	69,130	61,998	29,558	34,912	1,307	65,777	61,184
*United States:							
Domestic crude	[4]271,494	260,553	72,564	181,040	17,890	271,494	260,553
Foreign crude	181,345	184,249	54,402	126,943	-	[5]181,345	184,249
Total	452,839	444,802	126,966	307,983	17,890	452,839	444,802

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve,

[2] Includes 157,256 located in Texas-Louisiana Gulf Coast,

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 1,887 of Pennsylvania Grade,

[5] Stocks of foreign crude in P.A.D. District I, 18,117; District II, 24,476; District III, 129,721; District IV, 803; District V, 8,228.

*United States is defined as the 50 states, excluding the Hawaiian Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: February 1980

District	Total gasoline [1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products [2]
East Coast	43.9	-	0.7	24.7	15.2	4.8	10.7
Appalachian # 1	38.6	1.7	0.6	24.8	9.6	3.9	20.8
Appalachian # 2	48.0	-	4.7	19,0	7.1	-	21.2
Indiana, Illinois, etc	55.7	0.6	1.4	18.5	6.9	6.2	10.7
Minnesota, Wisconsin, etc	50.6	-	0.4	26.3	4.1	4.3	14.3
Oklahoma, Kansas, etc	52.7	0.9	0.1	25.5	4.2	4.4	12.2
Texas Inland	42.5	2.0	0.2	22.9	9.7	6.7	16.0
Texas Gulf	37.8	1.3	2.5	16.7	11.2	6.2	24.3
Louisiana Gulf	43.2	0.4	1.8	21.1	10.8	8.9	13.8
Arkansas, Louisiana Inland, etc	17.0	7.1	1.2	24.8	20.6	3.8	25.5
New Mexico	31.7	-	3.4	26.6	15.5	13.5	19.3
Rocky Mountain	45.5	-	0.7	30.3	7.8	5.7	10.0
West Coast	41.4	0.4	0.3	12.8	24.6	12.0	8.5
*U.S. Totals:							
February 1980	44.1	0.7	1.3	19.6	12.5	7.2	14.6
January 1980	43.2	0.7	1.1	20.9	12.2	7.0	14.9
February 1979	43.4	0.7	1.9	20.1	12.6	7.0	14.3

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: February 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United States*
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	42,969	5,080	48,049	1,586	63,378	7,246	28,820	101,030	11,839	97,794	61,732	4,637	2,602	178,604	13,657	67,387	408,727
Domestic	3,311	3,266	6,577	661	33,962	2,804	23,372	60,799	10,532	48,644	35,096	3,838	2,566	100,676	11,938	52,600	232,590
Foreign	39,658	1,814	41,472	925	[1]29,416	4,442	5,448	[1]40,231	1,307	49,150	26,636	799	36	77,928	1,719	14,787	[1]176,137
Unfinished oils rerun (net)	+ 2,197	-147	+2,050	+45	-262	+62	+161	+6	+370	-1,381	+1,570	+178	-94	+643	+168	+302	+3,169
Total crude and unfin. rerun	45,166	4,933	50,099	1,631	63,116	7,308	28,981	101,036	12,209	96,413	63,302	4,815	2,508	179,247	13,825	67,689	411,896
Natural gas liquids, total	8	12	20	118	2,408	501	1,804	4,831	526	6,939	2,053	577	127	10,222	467	1,058	16,59[illegible]
L.P.G.	8	9	17	118	1,749	426	928	3,221	281	1,317	1,312	46	32	2,988	357	702	7,285
Natural gasoline	-	-	-	-	563	54	829	1,446	209	4,501	646	210	95	5,661	87	284	7,478
Unfractionated stream	-	3	3	-	96	21	47	164	36	1,121	95	321	-	1,573	23	72	1,835
Other hydrocarbons	82	18	100	-	69	-	24	93	45	464	489	-	-	998	-	342	1,537
Output																	
Gasoline, total	19,928	1,939	21,867	901	37,628	4,196	17,095	59,820	5,760	43,838	29,895	1,396	923	81,812	6,762	29,446	199,707
Motor gasoline	19,928	1,939	21,867	901	37,483	4,196	17,052	59,632	5,738	43,444	29,625	1,396	923	81,126	6,732	29,310	198,667
Aviation gasoline	-	-	-	-	145	-	43	188	22	394	270	-	-	686	30	136	1,040
Jet fuel, total	2,152	195	2,347	-	3,943	311	1,262	5,516	817	5,967	5,645	182	338	12,949	785	8,152	29,749
Naphtha-type	725	99	824	-	358	51	402	811	320	671	626	123	304	2,044	357	1,484	5,520
Kerosene-type	1,427	96	1,523	-	3,585	260	860	4,705	497	5,296	5,019	59	34	10,905	428	6,668	24,229
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	150	40	-	-	190	-	57	247
L.R.G., total	1,528	123	1,651	22	1,625	101	586	2,334	370	2,988	1,291	50	50	4,749	165	1,102	10,001
For fuel use	990	110	1,100	-	1,348	101	551	2,000	348	1,383	1,078	33	50	2,892	161	958	7,111
For chemical use	538	13	551	22	277	-	35	334	22	1,605	213	17	-	1,857	4	144	2,890
Kerosene	307	56	363	78	892	29	20	1,019	23	2,404	1,115	59	85	3,686	102	180	5,350
Distillate fuel oil	11,152	1,221	12,373	310	11,659	1,921	7,383	21,273	2,796	16,066	13,347	1,194	668	34,071	4,184	8,664	80,565
Residual fuel oil	6,849	472	7,321	116	4,400	302	1,206	6,024	1,205	10,792	6,845	990	388	20,220	1,081	16,681	51,32[illegible]
Petrochemical feedstocks, total	783	-	783	-	1,297	4	190	1,491	684	15,806	4,340	96	-	20,935	8	808	24,0[illegible]
Still gas	57	-	57	-	2	-	71	73	3	1,134	55	-	-	1,192	-	21	1,343
Naphtha-400°	384	-	384	-	376	4	111	491	443	5,742	1,191	38	-	7,414	8	253	8,5[illegible]
Other	342	-	342	-	919	-	8	927	238	8,930	3,103	58	-	12,329	-	534	14,[illegible]
Special naphthas	13	33	46	-	356	-	249	605	239	1,224	282	343	-	2,088	5	244	2,988
Lube oil, total	445	337	782	-	421	-	417	838	24	2,395	674	143	-	3,236	2	442	5,30[illegible]
Bright stock	40	154	194	-	7	-	18	25	-	153	25	-	-	178	-	34	43[illegible]
Neutral	225	176	401	-	262	-	300	562	-	841	545	77	-	1,463	-	298	2,724
Other grades	180	7	187	-	152	-	99	251	24	1,401	104	66	-	1,595	2	110	2,145
Wax	32	44	76	-	6	-	32	38	12	160	65	34	-	271	7	102	[2]494
Coke	1,087	31	1,118	17	1,937	275	1,050	3,279	140	2,160	1,212	-	15	3,527	268	2,666	10,858
Asphalt	1,419	142	1,561	95	1,928	486	906	3,415	465	541	700	712	95	2,513	727	1,281	9,497
Road oil	-	-	-	-	107	-	1	108	-	-	-	-	-	-	-	20	129
Still gas for fuel	1,823	121	1,944	-	2,803	94	1,237	4,134	290	3,981	2,222	134	57	6,684	446	2,567	15,77[illegible]
Miscellaneous	142	230	372	1	667	15	48	731	91	841	536	5	-	1,473	21	402	[illegible]
Processing gain (-) or loss (+)	-2,404	+19	-2,385	+209	-4,076	+75	-873	-4,665	-136	-5,497	-2,374	+54	+16	-7,937	-271	-3,725	-18,9[illegible]
Crude oil distillation units:																	
Gross input (1,000 b/d) [3]	1,517	175	1,692	55	2,222	261	1,003	3,541	424	3,560	2,203	177	93	6,457	477	2,379	[illegible]
Capacity (1,000 b/d)[4]	1,829	207	2,036	66	2,787	324	1,132	4,309	579	4,342	2,638	268	130	7,957	607	3,069	17,979
Operating ratio[5]	82.9	84.6	83.1	83.3	79.7	80.6	88.6	82.2	73.2	82.0	83.5	66.0	71.5	81.1	78.6	77.5	80.9

Source: Form EIA-87.

[1] Includes some Athabasca hydrocarbons.

[2] Includes: microcrystalline, 107 ; crystalline-fully refined, 234 ; and crystalline-other, 153.

[3] Includes crude oil, products of natural gas processing plants, other oils charged to crude oil distillation units during the month.

[4] Represents operable capacity at the beginning of the month.

[5] Represents gross input divided by capacity.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Input item "Unfractionated stream" includes Plant condensate.

TABLE 10. - Stocks held at refineries, by pipelines, and at bulk terminals: February 29, 1980

(Thousands of barrels)

Item	P.A.D. District 1			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	
	East Coast	Appalachian # 1	Total	Appalachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States*
Motor gasoline, total	68,501	6,454	74,955	3,326	48,367	9,968	23,375	85,036	8,679	31,420	20,889	11,808	900	73,696	9,328	31,407	274,422
Refinery	11,924	1,170	13,094	141	19,551	2,829	9,599	32,220	3,676	20,119	14,254	870	434	39,353	6,110	18,051	108,828
Bulk terminal	43,261	4,313	47,574	2,520	22,283	5,319	6,539	36,661	2,793	5,738	2,083	2,626	337	13,577	1,953	10,597	110,362
Pipeline	13,316	971	14,287	665	6,433	1,820	7,237	16,155	2,210	5,563	4,552	8,312	129	20,766	1,265	2,759	55,232
Aviation gasoline, total	405	74	479	1	441	53	97	592	61	475	413	4	22	975	31	558	2,635
Refinery	35	-	35	-	276	-	34	310	21	460	385	-	-	866	30	237	1,478
Bulk terminal	370	74	444	1	155	53	61	270	40	1	12	4	22	79	1	321	1,115
Pipeline	-	-	-	-	10	-	2	12	-	14	16	-	-	30	-	-	42
Naphtha-type jet fuel, total	575	52	627	13	557	146	604	1,320	367	731	736	244	319	2,397	355	1,512	6,211
Refinery	195	52	247	-	467	59	447	973	201	551	418	119	164	1,453	228	999	3,900
Bulk terminal	14	-	14	10	80	55	146	291	132	180	241	31	37	621	6	197	1,129
Pipeline	366	-	366	3	10	32	11	56	34	-	77	94	118	323	121	316	1,182
Kerosene-type jet fuel, total	7,634	303	7,937	60	4,342	846	2,397	7,645	922	3,743	2,189	1,167	58	8,079	589	7,797	32,047
Refinery	896	53	949	-	1,721	81	260	2,062	288	2,238	1,721	28	12	4,287	280	4,103	11,681
Bulk terminal	4,556	158	4,714	60	1,972	693	573	3,298	165	381	181	70	24	821	169	3,140	12,142
Pipeline	2,182	92	2,274	-	649	72	1,564	2,285	469	1,124	287	1,069	22	2,971	140	554	8,224
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	656	11	667	1	900	40	651	1,592	281	869	1,043	10	9	2,212	248	888	5,607
For fuel use	587	11	598	-	817	40	648	1,505	280	850	1,043	9	9	2,191	242	888	5,424
For chemical use	69	-	69	1	83	-	3	87	1	19	-	1	-	21	6	-	183
Kerosene, total	5,216	588	5,804	294	2,495	126	372	3,287	104	2,141	1,028	529	61	3,863	123	204	13,281
Refinery	110	192	302	32	887	28	272	1,219	35	1,778	697	41	61	2,612	67	70	4,270
Bulk terminal	4,597	394	4,991	235	1,303	85	56	1,679	27	284	30	16	-	357	56	97	7,180
Pipeline	509	2	511	27	305	13	44	389	42	79	301	472	-	894	-	37	1,831
Distillate fuel oil, total	73,720	4,196	77,916	1,965	30,281	8,864	19,989	61,099	2,916	15,846	10,333	6,413	452	35,960	3,662	12,827	[2]191,464
Refinery	5,775	840	6,615	73	9,451	1,956	6,675	18,155	1,163	8,686	6,491	911	292	17,543	2,294	5,682	50,289
Bulk terminal	60,873	3,073	63,946	1,643	16,989	5,513	6,577	30,722	1,059	4,770	1,528	1,062	73	8,492	624	5,791	109,575
Pipeline	7,072	283	7,355	249	3,841	1,395	6,737	12,222	694	2,390	2,314	4,440	87	9,925	744	1,354	31,600
Residual fuel oil, total	41,768	828	42,596	523	7,921	1,494	2,574	12,512	460	12,135	9,085	790	231	22,701	1,026	12,124	[4]90,959
Refinery	4,365	375	4,740	44	4,822	1,032	1,375	7,273	460	8,844	4,367	492	231	14,394	1,026	9,208	36,641
Bulk terminal	37,403	453	37,856	479	3,099	462	1,199	5,239	-	3,291	4,718	298	-	8,307	-	2,916	[4]54,318
Petrochemical feedstocks, total	87	-	87	-	686	2	68	756	400	2,441	897	39	2	3,779	4	359	4,985
Naphtha-400°	86	-	86	-	389	2	53	444	144	1,183	465	23	-	1,815	4	211	2,560
Other	1	-	1	-	297	-	15	312	256	1,258	432	16	2	1,964	-	148	2,425
Special naphthas, total	805	47	852	84	853	23	164	1,124	32	1,648	249	151	-	2,080	4	388	4,448
Refinery	14	33	47	2	238	-	164	404	32	1,486	247	151	-	1,916	4	352	2,723
Bulk terminal	791	14	805	82	615	23	-	720	-	162	2	-	-	164	0	36	1,725
Lube oil, total	2,567	1,126	3,693	24	1,158	30	616	1,828	55	3,570	1,471	226	15	5,337	61	1,373	[1]12,292
Bright stock	159	390	549	-	38	-	63	101	-	216	93	-	-	309	7	36	1,002
Neutral	698	523	1,221	-	498	-	390	888	-	1,317	950	57	-	2,324	45	580	5,058
Other grades	1,710	213	1,923	24	622	30	163	839	55	2,037	428	169	15	2,704	9	757	6,232
Wax	20	94	114	-	29	-	37	66	20	266	131	1	-	418	1	49	[3]648
Coke	972	-	972	-	1,534	631	502	2,667	4	387	358	50	-	799	381	1,240	6,059
Asphalt	5,210	768	5,978	923	5,981	2,923	2,014	11,841	764	674	1,355	1,224	314	4,331	2,450	2,551	[1]27,151
Road oil	-	-	-	-	447	-	7	454	-	-	-	2	-	2	7	19	482
Miscellaneous	729	36	765	-	441	23	240	704	26	796	416	51	2	1,291	-	154	[1]2,914
Unfinished oils	12,687	1,386	14,073	94	15,138	399	5,975	21,606	3,012	27,319	14,321	618	164	45,434	3,419	26,685	111,217
Refined products, total	221,552	15,963	237,515	7,308	121,571	25,568	59,682	214,129	18,103	104,461	64,914	23,327	2,549	213,354	21,689	100,135	786,822

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,306; Asphalt, 6,517; and Miscellaneous, 1,232.

[2] Includes No. 4 fuel oil: P.A.D. District I, 2,395; P.A.D. District II, 161; P.A.D. District III, 593; P.A.D. District IV, 3; P.A.D. District V, 474.

[3] Includes microcrystalline, 97; crystalline-fully refined, 300; and crystalline-other, 251.

[4] Includes pipeline stocks: P.A.D. District V, 45.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	February 1980	January 1980	February 1979	January - February (Incl.)	
				1980	1979
Turned into lines:					
Gasoline, total...........	171,654	191,783	173,628	363,437	362,644
Motor....................	171,524	191,593	173,362	363,117	362,056
Aviation.................	130	190	266	320	588
Jet fuel, total...........	29,774	32,912	29,773	62,686	62,821
Naphtha-type............	3,256	3,396	3,348	6,652	6,595
Kerosene-type...........	26,518	29,516	26,425	56,034	56,226
Kerosene..................	2,788	3,615	4,157	6,403	8,838
Distillate fuel oil........	69,676	77,706	72,194	147,382	154,945
Residual fuel oil..........	225	214	98	439	209
Natural gas liquids........	49,269	34,364	52,596	103,633	108,140
Other products............	865	737	17	1,602	17
Delivered from lines:					
Gasoline, total...........	170,962	189,328	171,238	360,290	362,124
Motor....................	170,804	189,157	170,937	359,961	361,609
Aviation.................	158	171	301	329	515
Jet fuel, total...........	29,812	32,860	28,764	62,672	60,738
Naphtha-type............	3,171	3,424	3,254	6,595	6,400
Kerosene-type...........	26,641	29,436	25,510	56,077	54,338
Kerosene..................	2,895	3,613	4,391	6,508	8,887
Distillate fuel oil........	71,641	79,087	78,136	150,728	163,774
Residual fuel oil..........	190	212	98	402	209
Natural gas liquids........	50,122	62,406	56,035	112,524	108,352
Other products............	841	804	17	1,645	17
Shortage (or overage):					
Gasoline, total...........	(710)	860	(1,033)	150	(1,797)
Motor....................	(694)	862	(1,051)	168	(1,831)
Aviation.................	(16)	(2)	18	(18)	34
Jet fuel, total...........	566	317	277	883	657
Naphtha-type............	42	(80)	15	(38)	41
Kerosene-type...........	524	397	262	921	616
Kerosene..................	(54)	97	137	43	179
Distillate fuel oil........	(8)	(440)	(624)	(448)	(1,918)
Residual fuel oil..........	2	3	-	5	-
Natural gas liquids........	34	33	205	67	393
Other products............	2	(3)	-	(1)	-
Stocks in lines and working tanks at end of month:					
Gasoline, total...........	55,274	53,872	53,698	55,274	53,698
Motor....................	55,232	53,818	53,639	55,232	53,639
Aviation.................	42	54	59	42	59
Jet fuel, total...........	9,406	10,010	8,453	9,406	8,453
Naphtha-type............	1,182	1,139	1,258	1,182	1,258
Kerosene-type...........	8,224	8,871	7,195	8,224	7,195
Kerosene..................	1,831	1,884	1,420	1,831	1,420
Distillate fuel oil........	31,600	33,557	25,585	31,600	25,585
Residual fuel oil..........	45	12	-	45	-
Natural gas liquids........	26,785	27,672	32,743	26,785	32,743
Other products............	119	97	-	119	-

Source: Form EIA-89.

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. Districts

(Thousands of barrels)

Item	February 1980	January 1980	February 1979	January - February (Incl.) 1980	January - February (Incl.) 1979
From District 1 to District 2:					
Gasoline, total	3,879	4,928	4,165	8,807	9,119
Motor	3,874	4,928	4,161	8,802	9,110
Aviation	5	-	4	5	9
Jet fuel, total	159	189	269	348	555
Naphtha-type	-	-	-	-	-
Kerosene-type	159	189	269	348	555
Kerosene	43	58	81	101	147
Distillate fuel oil	1,358	1,300	1,421	2,658	3,130
From District 2 to District 1:					
Gasoline, total	1,151	917	650	2,068	1,386
Motor	1,151	917	650	2,068	1,386
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	39	15	26	54	60
Distillate fuel oil	175	196	207	371	502
Natural gas liquids	450	2,958	3,992	3.408	5,019
From District 2 to District 3:					
Gasoline, total	1,601	1,820	1,290	3,421	2,805
Motor	1,601	1,820	1,290	3,421	2,805
Jet fuel, total	80	104	59	184	117
Naphtha-type	59	60	59	119	117
Kerosene-type	21	44	-	65	-
Distillate fuel oil	301	293	280	594	713
Natural gas liquids	1,841	2,179	1,586	4,020	3,261
From District 2 to District 4:					
Gasoline, total	1,540	1,378	1,625	2,918	3,276
Motor	1,540	1,359	1,601	2,899	3,236
Aviation	-	19	24	19	40
Jet fuel, total	215	347	454	562	889
Kerosene-type	215	347	454	562	889
Kerosene	-	-	-	-	-
Distillate fuel oil	193	211	285	404	568
Natural gas liquids	220	249	196	469	495
From District 3 to District 1:					
Gasoline, total	35,716	41,498	32,505	77,214	70,635
Motor	35,711	41,485	32,475	77,196	70,589
Aviation	5	13	30	18	46
Jet fuel, total	4,822	5,803	4,982	10,625	10,509
Naphtha-type	93	148	105	241	232
Kerosene-type	4,729	5,655	4,877	10,384	10,277
Kerosene	1,170	1,316	1,321	2,486	2,744
Distillate fuel oil	16,059	19,190	19,038	37,249	38,019
Natural gas liquids	2,466	2,394	2,691	4,860	5,560
From District 3 to District 2:					
Gasoline, total	3,338	4,906	6,094	8,244	12,469
Motor	3,338	4,851	6,008	8,189	12,266
Aviation	-	55	86	55	203
Jet fuel, total	1,448	1,402	1,059	2,850	2,105
Naphtha-type	1	-	2	1	2
Kerosene-type	1,447	1,402	1,057	2,849	2,103
Kerosene	11	117	261	128	452
Distillate fuel oil	1,589	1,623	2,230	3,212	4,655
Natural gas liquids	4,832	5,357	9,782	10,189	19,273
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	790	1,014	887	1,804	1,742
Motor	790	1,014	887	1,804	1,742
Jet fuel, total	246	195	225	441	454
Naphtha-type	142	115	153	257	264
Kerosene-type	104	80	72	184	190
Distillate fuel oil	328	331	299	659	678
From District 4 to District 2:					
Gasoline, totsl	484	308	479	792	1,004
Motor	484	308	479	792	1,004
Jet fuel, total	23	23	34	46	59
Naphtha-type	15	17	22	32	43
Kerosene-type	8	6	12	14	16
Kerosene	-	-	-	-	-
Distillate fuel oil	305	273	301	578	654
Nstural gas liquids	398	380	250	778	467
From District 4 to District 3:					
Natural gss liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	777	739	802	1,516	1,650
Motor	777	739	802	1,516	1,650
Jet fuel, totsl	137	146	154	283	306
Naphtha-type	87	80	90	167	173
Kerosene-type	50	66	64	116	133
Distillate fuel oil	187	197	160	384	326

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	February	January	February	January - February (Incl.)	
	1980	1980	1979	1980	1979
Gulf Coast to East Coast, total: [1]					
Crude oil	427	366	161	793	776
Unfinished oils	421	279	327	700	545
Gasoline, total	11,868	12,941	15,366	24,809	31,267
Motor	11,671	12,695	15,176	24,366	30,936
Aviation	197	246	190	443	331
Special naphthas	337	397	318	734	920
Jet fuel, total	4,343	4,281	3,041	8,624	6,272
Naphtha-type	612	376	579	988	951
Kerosene-type	3,731	3,905	2,462	7,536	5,321
Kerosene	392	473	733	865	1,485
Distillate fuel oil	5,940	7,830	6,943	13,770	16,710
Residual fuel oil	6,361	5,809	3,529	12,170	7,711
Lubricating oil	708	1,068	864	1,776	1,604
Wax	28	17	11	45	32
Asphalt and road oil	342	490	223	832	505
Liquefied gases	-	-	256	-	307
Petrochemical feedstocks	143	189	180	332	318
Other products	1,106	657	1,215	1,763	2,275
Total	32,416	34,797	33,167	67,213	70,727
Gulf Coast to P.A.D. District II:					
Crude oil	1,871	1,407	354	3,278	767
Unfinished oils	-	-	-	-	21
Gasoline, total	1,277	1,491	995	2,768	3,025
Motor	1,242	1,457	973	2,699	2,950
Aviation	35	34	22	69	75
Special naphthas	153	104	128	257	296
Jet fuel, total	126	149	288	275	695
Naphtha-type	-	-	-	-	-
Kerosene-type	126	149	288	275	695
Kerosene	56	33	80	89	144
Distillate fuel oil	337	245	978	582	1,642
Residual fuel oil	363	715	1,366	1,078	1,839
Lubricating oil	312	295	165	607	326
Wax	-	-	-	-	-
Asphalt and road oil	201	201	125	402	374
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	74	50	23	124	97
Other products	58	9	11	67	29
Total	4,828	4,699	4,513	9,527	9,462
Gulf Coast to West Coast:					
Crude oil	-	-	-	-	-
Unfinished oils	227	272	-	499	-
Gasoline, total	-	-	-	-	47
Motor	-	-	-	-	47
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Jet fuel, total	34	197	-	231	200
Naphtha-type	-	-	-	-	-
Kerosene-type	34	197	-	231	200
Kerosene	-	-	-	-	-
Distillate fuel oil	34	-	234	34	551
Residual fuel oil	102	-	-	102	-
Lubricating oil	174	162	-	336	114
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	-	-	19	-	19
Total	571	631	253	1,202	931
West Coast to East Coast:					
Crude oil	1,850	2,748	168	4,598	466
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	20	-	20	-
Residual fuel oil	-	152	-	152	-
Lubricating oil	-	-	-	-	15
Other products	-	-	-	-	5
Total	1,850	2,920	168	4,770	486
West Coast to Gulf Coast:					
Crude oil	6,604	12,613	3,233	19,217	7,192
Motor gasoline	-	-	-	-	-
Kerosene-type jet fuel	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Wax	-	-	-	-	-
Lubricating oil	26	57	28	83	85
Unfinished oils	-	-	-	-	172
Other products	-	32	35	32	70
Total	6,630	12,702	3,296	19,332	7,519

Source: Form EIA-170.

[1] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	February 1980	January 1980	February 1979	January - February (Incl.) 1980	January - February (Incl.) 1979
To New England:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	190	-	190	-
Gasoline, total	1,608	2,164	2,568	3,772	4,767
Motor	1,574	2,164	2,555	3,738	4,738
Aviation	34	-	13	34	29
Special naphthas	58	27	11	85	80
Jet fuel, total	667	365	545	1,032	1,152
Naphtha-type	48	-	216	48	216
Kerosene-type	619	365	329	984	936
Kerosene	121	176	235	297	381
Distillate fuel oil	1,843	3,057	1,555	4,900	5,133
Residual fuel oil	570	863	-	1,433	-
Lubricating oil	-	7	16	7	16
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	5	55	25	60	31
Total	4,872	6,904	4,955	11,776	11,560
To Central Atlantic:[1]					
Crude oil	323	366	161	689	776
Unfinished oils	313	89	283	402	501
Gasoline, total	665	839	2,662	1,504	4,701
Motor	617	789	2,646	1,406	4,658
Aviation	48	50	16	98	43
Special naphthas	211	285	140	496	467
Jet fuel, total	866	568	267	1,434	581
Naphtha-type	-	-	-	-	-
Kerosene-type	866	568	267	1,434	581
Kerosene	118	84	205	202	508
Distillate fuel oil	1,387	1,997	2,993	3,384	6,444
Residual fuel oil	2,713	1,700	1,413	4,413	2,903
Lubricating oil	529	791	554	1,320	1,164
Wax	28	17	11	45	32
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	49	-	99
Petrochemical feedstocks	143	170	171	313	289
Other products	961	529	1,146	1,490	2,120
Total	8,257	7,435	10,055	15,692	20,585
To Lower Atlantic:[1]					
Crude oil	104	-	-	104	-
Unfinished oils	108	-	44	108	44
Gasoline, total	9,595	9,938	10,136	19,533	21,799
Motor	9,480	9,742	9,975	19,222	21,540
Aviation	115	196	161	311	259
Special naphthas	68	85	167	153	373
Jet fuel, total	2,810	3,348	2,229	6,158	4,539
Naphtha-type	564	376	363	940	735
Kerosene-type	2,246	2,972	1,866	5,218	3,804
Kerosene	153	213	293	366	596
Distillate fuel oil	2,710	2,776	2,395	5,486	5,133
Residual fuel oil	3,078	3,246	2,116	6,324	4,808
Lubricating oil	179	270	294	449	424
Wax	-	-	-	-	-
Asphalt and road oil	342	490	223	832	505
Liquefied gases	-	-	207	-	208
Petrochemical feedstocks	-	19	9	19	29
Other products	140	73	44	213	124
Total	19,287	20,458	18,157	39,745	38,582

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	February	January	February	January - February (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Algeria	18,065	14,390	18,023	32,455	38,089
Angola	1,702	876	1,422	2,578	1,622
Bolivia	-	301	-	301	-
Brunei	-	151	300	151	399
Cameroon	1,323	1,363	500	2,686	972
Canada [1]	7,541	8,761	8,924	16,302	17,223
Congo (Brazzaville)	-	-	-	-	909
Ecuador	394	-	624	394	3,023
Egypt	1,916	1,181	1,016	3,097	1,016
Gabon	1,155	985	950	2,140	2,259
Ghana	50	-	-	50	-
Indonesia	7,905	12,298	11,945	20,203	25,459
Iran	266	2,359	1,868	2,625	7,667
Iraq	497	2,545	1,930	3,042	3,674
Kuwait	1,087	-	303	1,087	482
Libya	17,050	19,121	16,906	36,171	39,247
Malaysia	2,190	1,540	1,198	3,730	2,838
Mexico	12,550	16,576	11,627	29,126	29,734
Netherlands	7	397	1,914	404	1,914
Nigeria	28,737	32,342	27,141	61,079	62,744
Norway	4,869	4,393	1,851	9,262	3,156
Oman	722	1,031	1,524	1,753	2,328
Peoples Republic of China	-	-	277	-	739
Peru	1,553	1,500	2,009	3,053	2,600
Qatar	497	1,671	731	2,168	1,829
Romania	-	-	-	-	-
Saudi Arabia	39,747	47,673	45,493	87,420	93,579
Spain	-	299	-	299	-
Syria	787	-	-	787	-
Trinidad	3,188	4,115	3,168	7,303	4,785
Tunisia	-	355	827	355	1,092
U.S.S.R.	-	-	-	-	-
United Arab Emirates	8,815	6,249	8,673	15,064	19,255
United Kingdom	2,979	8,920	4,366	11,899	13,447
Venezuela	6,259	5,745	7,119	12,004	13,229
Yugoslavia	-	-	-	-	-
Zaire	295	-	-	295	-
Total[1]	[2]172,146	197,137	182,629	[2]369,283	395,310
To District I:					
Algeria	6,949	3,151	5,632	10,100	11,188
Angola	352	-	-	352	-
Canada	466	413	171	879	393
Ecuador	-	-	308	-	308
Egypt	1,057	606	1,016	1,663	1,016
Gabon	905	599	950	1,504	2,259
Indonesia	566	1,009	-	1,575	1,863
Iran	-	-	1,190	-	5,685
Iraq	-	-	-	-	581
Kuwait	1,087	-	-	1,087	-
Libya	3,211	3,454	1,362	6,665	5,596
Mexico	1,065	1,832	538	2,897	847
Netherlands	6	397	-	403	-
Nigeria	6,491	9,264	5,631	15,755	14,366
Norway	511	986	667	1,497	1,310
Oman	312	442	309	754	504
Peru	778	778	-	1,556	117
Qatar	-	454	-	454	-
Saudi Arabia	14,079	15,407	12,178	29,486	25,038
Spain	-	299	-	299	-
Trinidad	352	698	-	1,050	-
Tunisia	-	-	827	-	827
United Arab Emirates	1,333	310	367	1,643	1,077
United Kingdom	1,377	1,613	1,292	2,990	3,486
Venezuela	4,047	1,747	3,712	5,794	6,473
Zaire	295	-	-	295	-
Total	45,239	43,459	36,150	88,698	82,934

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District and Country of Origin	February 1980	January 1980	February 1979	January - February (Incl.)	
				1980	1979
To District II:					
Algeria	3,954	3,621	2,482	7,575	7,327
Cameroon	880	1,363	500	2,243	972
Canada [1]	5,505	5,949	6,676	11,454	12,692
Ecuador	-	-	316	-	1,013
Egypt	-	135	-	135	-
Ghana	50	-	-	50	-
Iran	266	1,624	461	1,890	590
Iraq	-	-	1,113	-	1,113
Libya	6,500	7,838	7,612	14,338	18,965
Mexico	5,369	4,833	3,038	10,202	8,490
Nigeria	7,404	7,476	5,397	14,880	11,030
Norway	2,001	1,887	547	3,888	1,115
Oman	410	589	475	999	1,084
Peru	-	722	1,200	722	1,200
Qatar	-	-	658	-	1,384
Saudi Arabia	4,501	3,753	5,153	8,254	10,193
Trinidad	476	437	925	913	925
Tunisia	-	-	-	-	-
U.S.S.R.	-	-	-	-	-
United Arab Emirates	1,904	1,526	918	3,430	2,821
United Kingdom	821	3,718	749	4,539	3,138
Venezuela	454	758	359	1,212	359
Total[1]	40,495	46,229	38,579	86,724	84,411
To District III:					
Algeria	7,162	7,618	7,372	14,780	17,037
Angola	593	876	719	1,469	919
Bolivia	-	301	-	301	-
Cameroon	443	-	-	443	-
Congo (Brazzaville)	-	-	-	-	909
Ecuador	394	-	-	394	1,702
Egypt	859	440	-	1,299	-
Gabon	250	386	-	636	-
Indonesia	-	-	337	-	1,155
Iran	-	735	217	735	1,392
Iraq	497	2,545	817	3,042	1,980
Kuwait	-	-	303	-	482
Libya	7,339	7,574	7,932	14,913	14,686
Malaysia	-	192	-	192	-
Mexico	6,116	9,911	8,051	16,027	20,397
Netherlands	1	-	1,914	1	1,914
Nigeria	14,729	15,602	16,113	30,331	37,134
Norway	2,042	1,520	637	3,562	731
Oman	-	-	740	-	740
Peru	775	-	391	775	391
Qatar	497	1,217	73	1,714	445
Saudi Arabia	20,821	28,325	26,610	49,146	56,796
Syria	787	-	-	787	-
Trinidad	2,360	2,980	2,243	5,340	3,860
Tunisia	-	355	-	355	265
United Arab Emirates	4,559	3,493	4,773	8,052	10,163
United Kingdom	781	3,589	2,325	4,370	6,823
Venezuela	1,311	2,931	2,799	4,242	6,148
Total	[2]72,316	90,590	84,366	[2]162,906	186,069
To District IV:					
Algeria	-	-	2,537	-	2,537
Canada	1,068	1,764	1,608	2,832	3,133
Indonesia	-	-	360	-	360
Libya	-	255	-	255	-
Nigeria	113	-	-	113	-
Saudi Arabia	26	-	-	26	-
Total	1,207	2,019	4,505	3,226	6,030
To District V [3]:					
Angola	757	-	703	757	703
Brunei	-	151	300	151	399
Canada	502	635	469	1,137	1,005
Indonesia	7,339	11,289	11,248	18,628	22,081
Malaysia	2,190	1,348	1,198	3,538	2,838
Nigeria	-	-	-	-	214
Norway	315	-	-	315	-
Peoples Republic of China	-	-	277	-	739
Peru	-	-	418	-	892
Qatar	-	-	-	-	-
Saudi Arabia	320	188	1,552	508	1,552
United Arab Emirates	1,019	920	2,615	1,939	5,194
Venezuela	447	309	249	756	249
Total	12,889	14,840	19,029	27,729	35,866

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District

(Thousands of barrels)

Item	February	January	February	January - February (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Motor gasoline, total	4,433	4,382	4,471	8,815	10,016
Receipts from Puerto Rico	646	607	724	1,253	1,697
Other	[1]3,787	3,775	3,747	7,562	8,319
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	584	955	503	1,539	1,259
Bonded aircraft fuel	-	-	-	-	-
Other	[1]584	955	503	1,539	1,259
Kerosene-type jet fuel, total	654	2,001	1,951	2,655	4,193
Bonded aircraft fuel	204	505	44	709	122
Receipts from Puerto Rico	-	-	-	-	-
Other	[1]450	1,496	1,907	1,946	4,071
Ethane	2,118	1,600	2	3,718	1,298
Liquefied petroleum gases	5,186	6,574	6,675	11,760	12,834
Kerosene, total	656	473	507	1,129	918
Receipts from Puerto Rico	-	-	-	-	149
Other	[1]656	473	507	1,129	769
Distillate fuel oil, total	6,420	5,538	5,477	11,958	12,479
Bonded ships bunkers	-	5	-	5	-
For military offshore use	197	347	-	544	98
Receipts from Puerto Rico	1,281	329	540	1,610	996
No. 2 fuel oil	[1]4,942	4,685	3,974	9,627	9,724
No. 4 fuel oil	-	172	963	172	1,661
Residual fuel oil, total	32,457	35,085	36,400	67,542	78,894
Bonded ships bunkers	-	-	-	-	-
For military offshore use	33	191	-	224	-
Receipts from Puerto Rico	50	-	357	50	1,308
Other	[1]32,374	34,894	36,043	67,268	77,586
Petrochemical feedstocks, total	215	353	256	568	604
Receipts from Puerto Rico	137	163	141	300	486
Other	78	190	115	268	118
Special naphthas	28	34	417	62	985
Lubricants	172	255	238	427	402
Wax	-	-	-	-	-
Asphalt	57	46	-	103	-
Miscellaneous	9	113	8	122	137
Total	52,989	57,409	56,905	110,398	124,019
District I:					
Motor gasoline, total	3,229	3,717	3,823	6,946	7,993
Receipts from Puerto Rico	646	607	724	1,253	1,473
Other	2,583	3,110	3,099	5,693	6,520
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	557	572	441	1,129	707
Bonded aircraft fuel	-	-	-	-	-
Other	557	572	441	1,129	707
Kerosene-type jet fuel, total	333	962	1,162	1,295	2,030
Bonded aircraft fuel	30	324	-	354	30
Receipts from Puerto Rico	-	-	-	-	-
Other	303	638	1,162	941	2,000
Ethane	-	1	2	1	2
Liquefied petroleum gases	815	1,743	3,181	2,558	4,191
Kerosene, total	656	473	507	1,129	918
Receipts from Puerto Rico	-	-	-	-	149
Other	656	473	507	1,129	769
Distillate fuel oil, total	6,374	5,202	5,219	11,576	11,846
Bonded ships bunkers	-	-	-	-	-
For military offshore use	197	107	-	304	19
Receipts from Puerto Rico	1,281	329	540	1,610	996
No. 2 fuel oil	4,896	4,594	3,716	9,490	9,170
No. 4 fuel oil	-	172	963	172	1,661
Residual fuel oil, total	29,928	32,595	33,002	62,523	73,011
Bonded ships bunkers	-	-	-	-	-
For military offshore use	33	191	-	224	-
Receipts from Puerto Rico	50	-	357	50	1,308
Other	29,845	32,404	32,645	62,249	71,703
Petrochemical feedstocks, total	130	162	134	292	286
Receipts from Puerto Rico	79	86	80	165	230
Other	51	76	54	127	56
Special naphthas	1	-	155	1	452
Lubricants	140	214	142	354	306
Wax	-	-	-	-	-
Asphalt	57	46	-	103	-
Miscellaneous	4	103	-	107	118
Total	42,224	45,790	47,768	88,014	101,860
District II:					
Motor gasoline	152	239	106	391	190
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	27	-	-	27	-
Bonded aircraft fuel	-	-	-	-	-
Other	27	-	-	27	-
Kerosene-type jet fuel, total	-	29	-	29	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	29	-	29	-
Ethane	2,118	1,599	-	3,717	1,296
Liquefied petroleum gases	2,655	3,530	2,353	6,185	5,632
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil [2]	644	1,020	1,489	1,664	2,690
Petrochemical feedstocks	4	60	61	64	62
Special naphthas	26	21	43	47	71
Lubricants	-	-	-	-	-
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	5	10	8	15	19
Total	5,631	6,508	4,060	12,139	9,960

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	February	January	February	January - February (Incl.)	
	1980	1980	1979	1980	1979
District III:					
Motor gasoline, total	433	-	3	433	600
Receipts from Puerto Rico	-	-	-	-	224
Other	433	-	3	433	376
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	-	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	-	-
Kerosene-type jet fuel, total	20	552	-	572	-
Bonded aircraft fuel	-	-	-	-	-
Other	20	552	-	572	-
Liquefied petroleum gases	706	139	1	845	424
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
Residual fuel oil, total	350	490	-	840	-
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	350	490	-	840	-
Petrochemical feedstocks, total	63	131	61	194	256
Receipts from Puerto Rico	58	77	61	135	256
Other	5	54	-	59	-
Special naphthas	-	13	219	13	462
Lubricants	32	41	96	73	96
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	-
Total	1,604	1,366	380	2,970	1,838
District IV:					
Motor gasoline	9	24	58	33	110
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	501	699	628	1,200	1,404
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Special naphthas	-	-	-	-	-
Lubricants	-	-	-	-	-
Total	510	723	686	1,233	1,514
District V:					
Motor gasoline, total	610	402	481	1,012	1,123
Receipts from Puerto Rico	-	-	-	-	-
Other	610	402	481	1,012	1,123
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	383	62	383	552
Bonded aircraft fuel	-	-	-	-	-
Other	-	383	62	383	552
Kerosene-type jet fuel, total	301	458	789	759	2,163
Bonded aircraft fuel	174	181	44	355	92
Other	127	277	745	404	2,071
Liquefied petroleum gases	509	463	512	972	1,183
Kerosene	-	-	-	-	-
Distillate fuel oil, total	46	336	258	382	633
Bonded ships bunkers	-	5	-	5	-
For military offshore use	-	240	-	240	79
No. 2 fuel oil	46	91	258	137	554
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil, total	1,535	980	1,909	2,515	3,193
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	1,535	980	1,909	2,515	3,193
Petrochemical feedstocks	18	-	-	18	-
Special naphthas	1	-	-	1	-
Lubricants	-	-	-	-	-
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	-
Total	3,020	3,022	4,011	6,042	8,847

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,263; Naphtha-type jet fuel, 606; Distillate No. 2 fuel oil, 3,890; Kerosene, 656; Residual fuel oil, 7,283. District III: Motor gasoline, 428.

[2] Includes crude oil for direct burning as fuel: Current month, 260.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	February	January	February	January - February (Incl.)	
	1980	1980	1979	1980	1979
Plant condensate, total	392	579	392	971	856
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	-	-	64
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	345	321	293	666	605
P.A.D. District V	47	258	99	305	187
Unfinished oils, total	2,043	3,473	441	5,516	1,732
P.A.D. District I	[1] 1,134	1,110	381	2,244	1,481
P.A.D. District II	37	22	1	59	3
P.A.D. District III	839	2,067	-	2,906	175
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	33	274	59	307	73

Sources: Form ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 557.

TABLE 17. - Crude oil input to refineries and refinery receipts of crude oil by origin of the crude and method of transportation: February 1980
(Thousands of barrels)

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-								Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	3,959	-	-	-	-	-	-	-	-	-	-	4,929
Fla., Ga., Va., N.C...	2,132	-	4,031	139	-	-	13	-	108	-	-	2,281
New Jersey, Rhode Is..	18,124	-	-	-	-	-	-	-	-	532	-	17,432
New York. New Hamp....	2,995	6	60	2	-	-	-	1,471	-	-	1,071	768
Pennsylvania: East ...	18,354	-	-	-	-	-	-	-	-	1,845	-	16,925
West ...	1,959	-	435	15	127	85	-	324	510	104	839	-
West Virginia	526	-	159	6	142	-	-	205	72	105	-	-
District I	[1]48,049	6	4,685	162	269	85	13	2,000	690	2,586	1,910	42,335
Illinois	27,953	-	2,399	83	1,330	2	-	12,183	1	-	10,437	4,037
Indiana	12,113	-	104	3	103	-	-	9,049	5	369	2,183	204
Kansas	12,011	-	3,719	128	3,303	152	-	6,314	-	-	2,456	-
Kentucky, Tennessee ..	7,075	6	251	9	-	186	-	1,142	38	1,176	4,984	-
Michigan	3,524	-	2,695	93	1,848	229	-	627	-	-	854	-
Minnesota, Wisconsin .	5,453	-	-	-	-	-	-	1,085	-	-	4,526	-
Missouri, Nebraska ...	2,140	-	265	9	2	-	-	2,108	-	-	-	-
N. and S. Dakota......	1,793	-	2,980	103	1,700	63	-	80	1	-	-	-
Ohio: East	1,586	-	-	-	-	-	-	521	-	-	974	-
West	[2] 12,713	-	1,044	36	-	-	-	5,758	-	-	[2] 6,758	-
Oklahoma	14,669	3	11,873	409	6,644	527	-	4,753	-	-	2,053	747
District II	101,030	9	25,330	873	14,930	1,159	-	43,620	45	1,545	35,225	4,988
Alabama	2,744	15	1,709	59	227	20	7	1,929	67	-	128	243
Arkansas	1,495	2	1,501	52	1,097	118	-	315	-	-	-	-
Louisiana	52,990	47	39,520	1,363	18,641	1,113	6,036	5,223	253	2,706	170	19,585
Mississippi	9,140	1	3,469	119	370	127	-	2,198	3	126	-	5,898
New Mexico	2,602	-	5,447	188	1,779	701	-	168	21	-	36	-
Texas	109,633	4	74,732	2,577	46,447	1,986	839	5,941	-	7,032	816	48,392
District III	178,604	69	126,378	4,358	68,561	4,065	6,882	15,774	344	9,864	1,150	74,118
Colorado	1,169	-	2,322	80	333	127	-	654	43	-	-	-
Montana	3,670	-	1,744	60	500	89	-	1,494	6	-	1,671	-
Utah	3,652	-	1,801	62	723	484	-	2,302	141	-	-	-
Wyoming	5,166	1	10,743	371	4,696	114	-	133	22	-	-	-
District IV	13,657	1	16,610	573	6,252	814	-	4,583	212	-	1,671	-
California	55,037	32	25,707	886	22,594	1,720	1,162	93	-	22,040	-	6,74
Washington	8,748	-	-	-	-	-	-	-	-	4,588	502	4,13
Other States [3].......	3,602	14	40,282	1,389	756	91	775	-	104	776	-	1,225
District V	67,387	46	65,989	2,275	23,350	1,811	1,937	93	104	27,404	502	12,099
*United States, total	408,727	131	238,992	8,241	113.362	7,934	8,832	66,070	1,395	41.399	[4] 40,458	133,540
Daily Average	14,094	5	8,241	X	3.909	274	305	2,278	48	1,428	1,395	4,605

Source: Form EIA-87.

[1] Includes 27,933 in Delaware River Valley.
[2] Includedа some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: February 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va.,	121	13	-	-	-	-	-	-	-	42	66	-	-	108	-	-	-	-	-	-	108
New Jersey	532	-	-	-	-	-	-	-	-	-	98	-	-	98	-	-	-	-	-	434	532
New York, New Hamp.	1,471	-	-	348	-	-	-	-	348	-	693	-	430	1,123	-	-	-	-	-	-	1,471
Pennsylvania: East	1,845	-	-	-	-	-	-	-	-	-	32	-	498	530	-	-	-	-	-	1,315	1,845
West	1,150	212	77	107	-	661	-	59	827	-	-	-	-	-	-	34	-	-	34	-	938
West Virginia	524	142	-	-	-	382	-	-	382	-	-	-	-	-	-	-	-	-	-	-	382
P.A.D. District I	5,643	367	77	455	-	1,043	-	59	1,557	42	889	-	928	1,859	-	34	-	-	34	1,749	5,276
Illinois	13,516	1,332	655	1	67	-	1	527	596	69	2,348	429	6,442	9,288	-	-	-	260	260	1,385	12,184
Indiana	9,526	103	30	307	85	28	381	1,820	2,621	58	782	1,329	2,358	4,527	56	630	-	1,559	2,245	-	9,423
Kansas	9,769	3,455	-	-	-	-	286	1,686	1,972	-	-	63	2,685	2,748	193	143	348	382	1,066	528	6,314
Kentucky, Tennessee	2,542	186	411	483	-	38	-	-	521	12	477	-	284	773	-	-	-	93	93	558	2,356
Michigan	2,704	2,077	-	-	-	-	-	-	-	-	209	-	-	209	-	-	-	418	418	-	627
Minnesota, Wisconsin	1,085	-	-	-	-	-	811	143	954	-	-	-	-	-	-	131	-	-	131	-	1,085
Missouri, Nebraska	2,110	2	-	-	-	-	-	-	-	-	-	-	1,904	1,904	-	-	-	204	204	-	2,108
North Dakota	1,844	1,763	-	-	-	-	-	-	-	-	-	-	-	-	-	81	-	-	81	-	81
Ohio: East	521	-	-	-	-	-	-	-	-	-	408	-	10	418	-	-	-	-	-	103	521
West	5,758	-	8	440	-	-	-	11	451	220	1,705	-	3,374	5,299	-	-	-	-	-	-	5,758
Oklahoma	11,924	7,171	-	-	-	-	-	-	-	-	-	46	4,707	4,753	-	-	-	-	-	-	4,753
P.A.D. District II	61,299	16,089	1,104	1,231	152	66	1,479	4,187	7,115	359	5,929	1,867	21,764	29,919	249	985	348	2,916	4,498	2,574	45,210
Alabama	2,250	254	1,641	-	-	-	-	-	-	355	-	-	-	355	-	-	-	-	-	-	1,996
Arkansas	1,530	1,215	-	-	-	-	-	-	-	-	36	-	75	111	-	-	-	-	-	204	315
Louisiana	33,972	25,790	697	-	-	-	-	-	-	2,833	-	-	2,519	5,352	-	-	-	-	-	2,133	8,182
Mississippi	2,824	497	-	-	-	-	-	-	-	1	2,326	-	-	2,327	-	-	-	-	-	-	2,327
New Mexico	2,669	2,480	-	-	-	-	-	-	-	-	-	-	174	174	15	-	-	-	15	-	189
Texas	62,245	49,272	799	-	112	-	-	456	568	1,123	4,550	1,100	-	6,773	51	-	109	-	160	4,673	12,973
P.A.D. District III	105,490	79,508	3,137	-	112	-	-	456	568	4,312	6,912	1,100	2,768	15,092	66	-	109	-	175	7,010	25,982
Colorado	1,157	460	-	-	-	-	-	-	-	-	-	-	-	-	-	17	84	587	688	9	697
Montana	2,089	589	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,500	1,500	-	1,500
Utah	3,650	1,207	-	-	-	-	-	-	-	-	-	-	-	-	1,512	-	-	930	2,442	1	2,443
Wyoming	4,965	4,810	-	-	-	-	1	-	1	-	-	-	-	-	35	119	-	-	154	-	155
P.A.D. District IV	11,861	7,066	-	-	-	-	1	-	1	-	-	-	-	-	1,547	136	84	3,017	4,784	10	4,795
California	47,609	25,476	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22,133	22,133
Other States	7,090	1,622	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	53	5,415	5,468
P.A.D. District V	54,699	27,098	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	53	27,548	27,601
*United States, total	238,992	130,128	[1]4,318	1,686	264	1,109	1,480	4,702	9,241	4,713	13,730	2,967	25,460	46,870	1,862	1,155	594	5,933	9,544	[2]38,891	108,864
Daily average	8,241	4,487	149	58	9	39	51	162	319	163	473	102	878	1,616	64	40	20	205	329	1,341	3,754

Source: Form EIA-87.

[1] Florida, 4,018 : New York, 60 ; Virginia, - ; West Virginia, 17; Pennsylvania, 223.

[2] Alaska, 38,650 ; Arizona, - ; California, 231 ; Nevada, 10.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States*: February 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream [1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	498	363	-	14	26	155	-	558	132	189	-	1,377
East Coast................	338	281	-	-	-	155	-	436	107	-	-	881
Appalachian No. 1..........	160	82	-	14	26	-	-	122	25	189	-	496
P.A.D. District II, total.......	1,833	2,801	491	312	805	134	-	4,543	1,062	2,103	13	9,554
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	475	500	-	43	84	-	-	627	80	971	2	2,155
Minn., Wisc., etc..........	-	85	-	12	26	-	-	123	39	28	-	190
Okla., Kans., etc..........	1,358	2,216	491	257	695	134	-	3,793	943	1,104	11	7,209
P.A.D. District III, total......	6,468	9,319	5,601	2,556	3,763	653	55	21,947	6,583	-1,246	726	34,478
Texas Inland..............	1,208	3,275	1,858	724	1,061	395	35	7,348	2,416	5,677	333	16,982
Texas Gulf................	2,558	2,967	3,218	891	1,671	58	11	8,816	2,253	-10,493	4	3,138
Louisiana Gulf............	2,463	2,337	380	796	774	52	5	4,344	1,487	1,270	372	9,936
Ark., La. Inland, etc......	103	196	-	60	94	17	4	371	106	83	14	677
New Mexico................	136	544	145	85	163	131	-	1,068	321	2,217	3	3,745
P.A.D. District IV, total.......	12	427	-	5	99	99	1	631	322	832	19	1,816
P.A.D. District V, total........	-	205	-	28	67	-	30	330	292	26	-	648
*United States, total........	8,811	13,115	6,092	2,915	4,760	1,041	86	28,009	8,391	1,904	758	47,873

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Source: Form EIA-64.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States*: February 29, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfractionated stream [1]	Other products	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,669	-	49	165	55	-	2,938	41	-	-	2,979	-	4
East Coast..........	-	1,079	-	-	36	55	-	1,170	4	-	-	1,174	-	-
Appalachian No. 1....	-	1,590	-	49	129	-	-	1,768	37	-	-	1,805	-	4
P.A.D. District II, total.	2,532	16,215	357	1,810	3,487	12	290	22,171	1,844	424	7	26,978	711	288
Appalachian No. 2....	-	23	-	13	25	-	-	61	-	-	-	61	85	-
Ind., Ill., etc......	88	2,991	-	419	845	1	-	4,256	26	94	7	4,471	112	41
Minn., Wisc., etc....	1,155	524	-	2	5	-	111	642	9	2	-	1,808	62	54
Okla., Kans., etc....	1,289	12,677	357	1,376	2,612	11	179	17,212	1,809	328	-	20,638	452	193
P.A.D. District III, total	1,818	24,930	5,252	6,554	12,575	1,946	1,204	52,461	7,293	3,977	345	65,894	1,327	380
Texas Inland.........	858	4,263	247	438	1,213	349	691	7,201	812	917	201	9,989	55	24
Texas Gulf...........	613	10,686	4,975	3,907	9,046	857	25	29,496	3,779	2,853	4	36,745	690	92
Louisiana Gulf.......	312	3,931	-	2,179	2,178	6	485	8,779	2,512	77	118	11,798	568	167
Ark., La. Inland, etc	1	5,834	-	6	81	720	2	6,643	56	99	21	6,820	8	71
New Mexico...........	34	216	30	24	57	14	1	342	134	31	1	542	6	26
P.A.D. District IV, total.	-	162	-	2	102	13	-	279	163	17	5	464	60	120
P.A.D. District V, total..	-	227	-	153	54	50	4	488	31	1	-	520	47	10
*United States, total.	4,350	44,203	5,609	8,568	16,383	2,076	1,498	78,337	9,372	4,419	357	96,835	2,145	802

[1] Includes plant condensate.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Sources: Forms EIA-64, 87, and 89.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: February 1980
(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United States**
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total	8	12	20	118	2,408	501	1,804	4,831	526	6,939	2,053	577	127	10,222	467	1,058	16,598
Propane	-	-	-	-	249	-	-	249	-	-	184	-	-	184	-	-	433
Butane, total	8	9	17	118	1,497	426	928	2,969	281	1,162	1,128	46	20	2,637	357	695	6,675
Isobutane	8	1	9	39	494	38	319	890	91	644	726	42	13	1,516	31	155	2,601
Normal butane	-	8	8	79	780	191	494	1,544	109	505	399	4	7	1,024	8	192	2,776
Other	-	-	-	-	223	197	115	535	81	13	3	-	-	97	318	348	1,298
Butane-propane mix	-	-	-	-	3	-	-	3	-	155	-	-	12	167	-	7	177
Natural gasoline	-	-	-	-	563	54	829	1,446	209	4,501	646	210	95	5,661	87	284	7,478
Unfractionated stream[1]	-	3	3	-	96	21	47	164	36	1,121	95	321	-	1,573	23	72	1,835
*Stocks at refineries, total	-	4	4	85	153	116	645	999	79	782	735	79	32	1,707	180	57	2,947
Propane	-	-	-	-	17	-	-	17	-	108	117	-	-	225	-	-	242
Butane, total	-	-	-	85	94	62	452	693	55	582	446	8	6	1,097	60	47	1,897
Isobutane	-	-	-	14	66	31	251	362	43	191	189	7	6	436	32	40	870
Normal butane	-	-	-	71	28	23	174	296	3	391	257	-	-	651	1	7	955
Other	-	-	-	-	-	8	27	35	9	-	-	1	-	10	27	-	72
Butane-propane mix	-	-	-	-	1	-	-	1	-	-	5	-	-	5	-	-	6
Natural gasoline	-	4	4	-	40	54	193	287	24	33	167	11	26	261	25	10	587
Unfractionated stream[1]	-	-	-	-	1	-	-	1	-	59	-	60	-	119	95	-	215
Liquefied refinery gases:																	
Refinery output, total	1,528	123	1,651	22	1,625	101	586	2,334	370	2,988	1,291	50	50	4,749	165	1,102	10,001
Propane and/or propylene	1,342	88	1,430	22	1,625	92	558	2,297	278	2,412	1,105	20	8	3,823	118	781	8,449
Petrochemical	416	13	429	22	277	-	34	333	-	1,234	167	-	-	1,401	3	127	2,293
Other	926	75	1,001	-	1,348	92	524	1,964	278	1,178	938	20	8	2,422	115	654	6,156
Butane and/or butylene	186	35	221	-	-	9	28	37	65	368	95	28	8	564	46	296	1,164
Petrochemical	122	-	122	-	-	-	1	1	11	165	46	17	-	239	-	17	379
Other	64	35	99	-	-	9	27	36	54	203	49	11	8	325	46	279	785
Butane-propane mix	-	-	-	-	-	-	-	-	16	20	91	2	34	163	-	25	188
Petrochemical	-	-	-	-	-	-	-	-	-	18	-	-	-	18	-	-	18
Other	-	-	-	-	-	-	-	-	16	2	91	2	34	145	-	25	170
Isobutane	-	-	-	-	-	-	-	-	11	188	-	-	-	199	1	-	200
*Stocks at refineries, total	656	11	667	1	900	40	651	1,592	281	869	1,043	10	9	2,212	248	888	5,607
Propane and/or propylene	633	8	641	1	783	25	237	1,046	102	805	973	4	4	1,888	88	185	3,848
Petrochemical	69	-	69	1	83	-	3	87	-	7	-	-	-	7	1	-	164
Other	564	8	572	-	700	25	234	959	102	798	973	4	4	1,881	87	185	3,684
Butane and/or butylene	23	3	26	-	117	15	237	369	179	54	55	6	5	299	155	579	1,428
Petrochemical	-	-	-	-	-	-	-	-	1	6	-	1	-	8	1	-	9
Other	23	3	26	-	117	15	237	369	178	48	55	5	5	291	154	579	1,419
Butane-propane mix	-	-	-	-	-	-	177	177	-	5	15	-	-	20	1	124	322
Petrochemical	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1
Other	-	-	-	-	-	-	177	177	-	4	15	-	-	19	1	124	321
Isobutane	-	-	-	-	-	-	-	-	-	5	-	-	-	5	4	-	9

Sources: Forms EIA-87 and 64.
**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.
*Stocks as of February 29, 1980.
[1] Includes Plant condensate.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	February 1980	January 1980	February 1979	January - February (Incl.) 1980	January - February (Incl.) 1979
All Districts:					
Crude oil	8,982	9,635	8,076	18,617	13,560
Motor gasoline [1]	12	18	42	30	95
Jet fuel, total	59	37	47	96	93
Naphtha-type	4	16	-	20	-
Kerosene-type	55	21	47	76	93
Ethane	-	1	-	1	-
Liquefied gases, total	767	923	447	1,690	814
Propane	371	432	266	803	497
Butane	396	491	181	887	317
Kerosene	1	1	2	2	4
Distillate fuel oil	239	215	196	454	239
Residual fuel oil	503	149	271	652	466
Petrochemical feedstocks	540	1,094	525	1,634	1,721
Special naphthas	29	29	56	58	78
Lubricants	571	639	514	1,210	1,029
Wax	96	40	60	136	124
Coke	3,730	3,917	3,407	7,647	7,439
Asphalt	13	6	13	19	21
Miscellaneous products	11	10	10	21	25
Total	15,553	16,714	13,666	32,267	25,708
District I:					
Crude oil	231	-	-	231	-
Motor gasoline	1	1	1	2	2
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Ethane	-	-	-	-	-
Liquefied gases, total	56	24	38	80	72
Propane	28	14	16	42	31
Butane	28	10	22	38	41
Kerosene	-	-	1	-	1
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	30	-	-	30	-
Petrochemical feedstocks	52	44	30	96	49
Special naphthas	2	2	2	4	5
Lubricants	135	197	100	332	209
Wax	8	4	7	12	14
Coke	312	330	7	642	255
Asphalt	2	1	2	3	3
Miscellaneous products	9	8	7	17	19
Total	838	611	195	1,449	629
District II:					
Crude oil	2,586	5,038	1,656	7,624	4,601
Motor gasoline	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Liquefied gases, total	12	270	6	282	9
Propane	2	105	4	107	5
Butane	10	165	2	175	4
Kerosene	-	-	-	-	-
Distillate fuel oil	-	1	1	1	1
Residual fuel oil	-	-	-	-	56
Petrochemical feedstocks	83	33	7	116	39
Special naphthas	-	-	-	-	1
Lubricants	15	21	12	36	25
Wax	1	1	3	2	5
Coke	71	61	110	132	136
Asphalt	1	1	-	2	1
Miscellaneous products	-	-	-	-	-
Total	2,769	5,426	1,795	8,195	4,874

Continued on next page.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District (continued)

(Thousands of barrels)

Item	February 1980	January 1980	February 1979	January - February (Incl.)	
				1980	1979
District III:					
Crude oil	676	-	-	676	-
Motor gasoline	-	-	23	-	56
Jet fuel, total	4	16	-	20	1
Naphtha-type	4	16	-	20	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	592	501	279	1,093	481
Propane	257	205	132	462	230
Butane	235	296	147	631	251
Kerosene	1	1	1	2	1
Distillate fuel oil	234	214	-	448	-
Residual fuel oil	333	-	-	333	-
Petrochemical feedstocks	301	975	482	1,276	1,172
Special naphthas	23	25	50	48	66
Lubricants	365	381	342	746	678
Wax	83	30	44	113	95
Coke	1,662	1,642	1,086	3,304	2,981
Asphalt	2	2	2	4	4
Miscellaneous products	2	2	3	4	6
Total	4,278	3,789	2,312	8,067	5,541
District IV:					
Crude oil	120	51	5	171	22
Liquefied gases, total	-	-	1	-	4
Propane	-	-	1	-	2
Butane	-	-	-	-	2
Kerosene	-	-	-	-	-
Petrochemical feedstocks	-	-	1	-	3
Special naphthas	-	-	-	-	-
Lubricants	-	2	1	2	2
Coke	-	-	-	-	-
Asphalt	-	1	1	1	1
Miscellaneous products	-	-	-	-	-
Total	120	54	9	174	32
District V:					
Crude oil	5,369	4,546	6,415	9,915	8,937
Motor gasoline	11	17	18	28	37
Jet fuel, total	55	21	47	76	92
Naphtha-type	-	-	-	-	-
Kerosene-type	55	21	47	76	92
Ethane	-	1	-	1	-
Liquefied gases, total	107	128	123	235	248
Propane	84	108	113	192	229
Butane	23	20	10	43	19
Kerosene	-	-	-	-	2
Distillate fuel oil	5	-	195	5	238
Residual fuel oil	140	149	271	289	410
Petrochemical feedstocks	104	42	5	146	459
Special napthas	4	2	4	6	6
Lubricants	56	38	59	94	116
Wax	4	5	6	9	10
Coke	1,685	1,884	2,204	3,569	4,067
Asphalt	8	1	8	9	12
Miscellaneous products	-	-	-	-	-
Total	7,548	6,834	9,355	14,382	14,634

Sources: Bureau of the Census publications EM 522, EM 594, and Form EIA-87.

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

11/5:
3

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

March 1980

Production of crude petroleum (including lease condensate) in the United States* during March averaged 8,712,000 barrels per day, an increase of 16,000 barrels per day above the February level, reports the Energy Information Administration, United States Department of Energy. Compared with March of last year, this represented an increase of 127,000 barrels per day, or 1.5 percent. Imports of crude oil for the month of March averaged 5,785,000 barrels per day, representing a decrease of 151,000 barrels per day below the February 1980 level and a decrease of 577,000 barrels per day, or 9.1 percent below the amount reported for March 1979. There were no imports of crude oil into the Strategic Petroleum Reserve during March 1980. Stocks of crude oil at the end of March totaled 452,933,000 barrels as compared with 452,839,000 barrels at the end of the previous month and 399,933,000 barrels at the end of March 1979. At the end of March, stocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during March was 14,000,000 barrels per day. This figure reflects a decrease of 546,000 barrels per day, or 3.8 percent below that reported for February 1980 and a decrease of 486,000 barrels per day, or 3.4 percent below the March 1979 level. The operating ratio of all refineries in the United States* during March averaged 77.6 percent of the total operable crude oil distillation capacity. This compares with 80.9 percent in February 1980 and 82.7 percent in March 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,042,000 barrels per day for March, 17,978,000 barrels per day for February 1980, and 17,526,000 barrels per day for March 1979.

Production of products at natural gas processing plants during March averaged 1,569,000 barrels per day compared with 1,651,000 barrels per day for the previous month and 1,728,000 barrels per day during March 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of March totaled 96,936,000 barrels. This was 0.1 million barrels above the stocks on February 1980 and 1.7 million barrels below those at the end of March 1979.

Total disposition of primary supply of all oils in March averaged 17,859,000 barrels per day. It included 17,279,000 barrels per day of products supplied for domestic use, crude oil exports of 323,000 barrels per day, refined products exports of 243,000 barrels per day, and crude oil losses of 15,000 barrels per day. Compared with March of last year, total products supplied for domestic use decreased by 1,901,000 barrels per day, or 9.9 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 37, 18, and 15 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 522.8 for March 1980, compared with 515.1 for February 1980 and 324.4 for March 1979 reports the Bureau of Labor Statistics publication, "Producer Price Indexes- March 1980." The unadjusted producer price index for refined products was 657.9 for March 1980, compared with 620.3 for February 1980, and 359.4 for March 1979.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

> A new format for presenting summary data on supply, disposition, and stocks of all oils is being introduced in this month's report (See Table 1a, page 3.) This table will replace Table 1 in the April 1980 report and all subsequent reports.

Prepared July 21, 1980 in the Office of Oil & Gas Statistics

Released for Printing: July 31, 1980.

TABLE 1. - Supply, disposition, and stocks of all oils

Item	March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Domestic production:							
Crude oil	257,869	8,318	240,641	8,298	8,220	754,335	733,590
Lease condensate	12,192	393	11,545	398	365	35,998	32,647
Natural gas plant liquids	48,648	1,569	47,873	1,651	1,728	147,581	155,445
Imports:							
Crude oil	179,341	5,785	172,146	5,936	6,362	548,624	592,541
Unfinished oils [1]	1,648	53	2,043	70	42	7,164	3,022
Natural gasoline	-	-	-	-	-	-	-
Plant condensate	315	10	392	14	18	1,286	1,428
Refined products	51,486	1,661	52,989	1,827	2,325	161,884	196,095
Other hydrocarbons and hydrogen refinery input	1,570	51	1,533	53	29	5,099	2,887
Total new supply	553,069	17,841	529,162	18,247	19,088	1,661,971	1,717,655
Unaccounted for crude oil [2]	-16,688	-538	+2,299	+79	+120	-15,936	-22,124
Processing gain	19,704	636	18,983	655	457	57,274	41,196
Total supply	556,085	17,938	550,444	18,981	19,666	1,703,309	1,736,727
Change in stocks, all oils	+2,442	+79	-8,444	-291	-133	-170	-136,102
Total disposition of primary supply	553,643	17,859	558,888	19,272	19,799	1,703,479	1,872,829
Exports:							
Crude oil	10,009	323	8,982	310	370	28,626	25,018
Refined products [3]	7,534	243	6,571	227	234	21,184	19,410
Crude losses	451	15	438	15	15	1,357	1,374
Products Supplied for Domestic Use:							
Gasoline, total	199,737	6,443	192,304	6,631	7,257	589,277	643,605
Motor gasoline	198,733	6,411	191,233	6,594	7,221	586,364	640,997
Aviation gasoline	1,004	32	1,071	37	36	2,913	2,608
Jet fuel, total	34,582	1,116	31,082	1,072	1,088	99,809	99,656
Naphtha-type	7,751	250	5,474	189	185	19,558	16,974
Kerosene-type	26,831	866	25,608	883	903	80,251	82,682
Ethane (including ethylene)	9,933	320	11,238	388	413	33,694	33,430
Liquefied gases	38,127	1,230	41,351	1,426	1,216	129,166	139,884
Kerosene	5,447	176	6,769	233	160	19,616	24,787
Distillate fuel oil	98,306	3,171	107,465	3,706	3,627	321,451	387,445
Residual fuel oil	82,147	2,650	89,879	3,099	3,238	260,853	310,926
Petrochemical feedstocks [4]	24,883	803	22,766	785	629	73,095	54,234
Special naphthas	3,239	104	2,819	97	116	9,414	10,255
Lubricants	5,044	163	5,019	173	201	15,490	16,033
Wax	471	15	470	16	17	1,422	1,545
Coke	6,601	213	6,258	216	246	20,451	21,640
Asphalt	6,759	218	5,735	198	264	18,226	19,636
Road oil	87	3	79	3	1	220	103
Still gas	16,567	534	15,775	544	544	48,707	49,712
Miscellaneous products	3,610	116	3,814	132	151	11,167	13,717
Natural gasoline [6]	94	3	62	2	6	225	322
Unfractionated stream (including Plant condensate	15	(s)	12	(s)	3	29	97
Total	535,649	17,279	542,897	18,721	19,180	1,652,312	1,827,027
Stocks all oils:							
Crude oil and lease condensate [5]	452,933	---	452,839	---	399,933*	---	---
Unfinished oils	115,799	---	111,217	---	104,177*	---	---
Natural gasoline [6]	11,205	---	9,959	---	7,261*	---	---
Unfractionated stream (including Plant condensate)	4,163	---	4,634	---	4,016*	---	---
Refined products	757,785	---	760,794	---	630,609*	---	---
Total	1,341,885	---	1,339,443	---	1,145,996*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; ERA-182; Bureau of the Census publications IM 145, EM 522 and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

(s) Less than 500 barrels per day.

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* Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons. Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 0.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[3] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[4] Produced at petroleum refineries. Ethane and liquefied gases used for petrochemical feedstocks are excluded. Data for these products for petrochemical feedstock use are included under the items "Ethane" and "Liquefied gases."

[5] Includes crude oil located in the Strategic Petroleum Reserve: Current month, 91,191.

[6] Includes isopentane.

TABLE 1a. - Supply, disposition, and stocka of all oils

		March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbla.	1,000 B/D	1,000 B/D	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska........................	51,070	1,647	47,274	1,630	1,355	149,010	119,370
(2)	Lower 48 states..............	218,991	7,064	204,912	7,066	7,229	641,323	646,867
(3)	Total U.S....................	270,061	8,712	252,186	8,696	8,585	790,333	766,237
	Imports:							
(4)	Imports (gross excl. SPR)[1]....	179,341	5,785	172,146	5,936	6,240	548,624	577,419
(5)	SPR imports..................	0	0	0	0	122	0	15,122
(6)	Exports[2].....................	-10,009	-323	-8,982	-310	-370	-28,626	-25,018
(7)	Imports (net including SPR)...	169,332	5,462	163,164	5,626	5,993	519,998	567,523
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)......................	0	0	0	0	-140	0	-15.641
(9)	Other stock withdrawals (plus) or additions (minus)............	-94	-3	-8,037	-277	-466	-22,662	-7,517
(10)	Used directly & losses........	-916	-30	-885	-31	-30	-2,742	-2,759
(11)	Unaccounted for[3].............	-16,688	-538	+2,299	+79	+120	-15,936	-22,124
(12)	Total other source...........	-17,698	-571	-6,623	-228	-516	-41,340	-48,041
(13)	Crude input to refineries.... (13) = (3) + (7) + (12)	421,695	13,603	408,727	14,094	14.062	1,268,991	1,285,719
	Natural gas plant liquids (NGPL):							
(14)	Production..................	48,648	1,569	47,873	1,651	1,728	147,581	155,445
(15)	Imports.....................	315	10	392	14	18	1,286	1,428
(16)	Stocks withdrawals...........	-775	-25	-1,300	-45	-11	-1,063	-556
(17)	Total NGPL Supply............	48,188	1,554	46,965	1,619	1,735	147,804	156,317
	Other liquids:							
	Unfinished oils:							
(18)	Imports....................	1,648	53	2,043	70	42	7,164	3,022
(19)	Stock withdrawals..........	-4,582	-148	+1,126	+39	+29	+1,853	+4,546
(20)	Net reruns, input (plus) output (minus)...................	-2,934	-95	+3,169	+109	+71	+9,017	+7,568
(21)	Other hydrocarbons..............	1,570	51	1,533	53	29	5,099	2,887
(22)	Refinery processing gain.........	19,704	636	18,983	655	457	57,274	41,196
(23)	Crude used directly.............	465	15	447	15	15	1,385	1,385
(24)	Total other liquids............. (24) = (20) + (21) + (22) + (23)	18,805	607	24,132	832	572	72,775	53,036
(25)	Total production of refined products (25) = (13) + (17) + (24)	488,688	15,764	479,824	16,546	16,368	1,489,570	1,495,072
	Refined product imports:							
(26)	Imports (gross)...............	51,486	1,661	52,989	1,827	2,325	161,884	196,095
(27)	Exports.......................	-7,534	-243	-6,571	-227	-234	-21,184	-19,410
(28)	Imports (net).................	43,952	1,418	46,418	1,601	2,091	140,700	176,685
(29)	Total new supply of products.... (29) = (25) + (28)	532,640	17,132	526,242	18,146	18,459	1,630,270	1,671,757
(30)	Refined products stock withdrawn	3,009	97	16,655	574	721	22,042	155,270
(31)	Total products supplied for domestic use............................ (31) = (29) + (30)	535,649	17,279	542,897	18,721	19,180	1,652,312	1,827,027
(32)	Motor gasoline.................	198,733	6,411	191,233	6,594	7,221	586,364	640,997
(33)	Distillate fuel oil............	98,306	3,171	107,465	3,706	3,627	321,451	387,445
(34)	Residual fuel oil..............	82,147	2,650	89,879	3,099	3,238	260,853	310,926
(35)	Jet fuel, total................	34,582	1,116	31,082	1,072	1,088	99,809	99,656
(36)	Liquefied gases................	38,127	1,230	41,351	1,426	1,216	129,166	139,884
(37)	Other..........................	83,754	2,702	81,887	2,824	2,790	254,669	248,119
(38)	Total products supplied......... (38) = (32) through (37)	535,649	17,279	542,897	18,721	19,180	1,652,312	1,827,027
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)..................	361,742	---	361,648	---	399,933*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	104,177*	---	---
(41)	Unfinished oils................	115,799	---	111,217	---	7,261*	---	---
(42)	Natural gasoline[4] and unfractionated stream[5]......................	15,368	---	14,593	---	4,016*	---	---
(43)	Refined products...............	757,785	---	760,794	---	630,609*	---	---
(44)	Total..........................	1,341,885	---	1,339,443	---	1,145,996*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Form ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

*Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

TABLE 2. - Comparative supply and disposition statistics

Item	March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Gross input to crude oil distillation units.	434,006	14,000	421,843	14,546	14,486	1,309,335	1,325,576
Isopentane:							
Production	529	17	557	19	13	1,677	1,490
Stocks at plants	270	---	320	---	91*	270	91
Used at refineries	579	19	468	16	12	1,715	1,435
Supplied for domestic use	-	-	-	-	(s)	-	11
Natural gasoline:							
Production	8,094	261	7,834	270	292	24,384	26,515
Stocks, total	10,935	---	9,639	---	7,170*	10,935	7,170
At refineries	715	---	587	---	1,134*	715	1,134
At plants	10,220	---	9,052	---	6,036*	10,220	6,036
Imports	-	-	-	-	-	-	-
Used at refineries	6,704	216	7,010	242	275	22,809	25,512
Supplied for domestic use	94	3	62	2	6	225	311
Unfractionated stream (including Plant condensate):							
Production	1,475	48	1,904	66	182	5,449	13,874
Stocks, total	4,163	---	4,634	---	4,016*	4,163	4,016
At refineries	280	---	215	---	583*	280	583
At plants	3,883	---	4,419	---	3,433*	3,883	3,433
Imports	315	10	392	14	18	1,286	1,428
Used at refineries	2,246	72	1,835	63	198	6,955	15,385
Supplied for domestic use	15	(s)	12	(s)	3	29	97
Finished gasoline:							
Production, total	203,524	6,565	200.227	6,904	6,690	621,221	629,525
At refineries	203,134	6,553	199,707	6,886	6,681	619,844	628,256
At gas processing plants	390	13	520	18	9	1,377	1,269
Stocks, total	285,831	---	277,282	---	241,928*	285,831	241,928
At refineries	285,584	---	277,057	---	241,766*	285,584	241,766
At plants	247	---	225	---	162*	247	162
Imports	4,768	154	4,433	153	168	13,583	15,217
Exports	6	(s)	12	(s)	1	36	140
Supplied for domestic use	199,737	6,443	192,304	6,631	7,257	589,277	643,605
Motor gasoline:							
Production, total	202,196	6,522	199,116	6,866	6,661	617,996	627,164
At refineries	201,869	6,512	198,667	6,851	6,654	616,812	626,039
At gas processing plants	327	11	449	15	7	1,184	1,125
Stocks, total	282,800	---	274,575	---	239,266*	282,800	239,266
At refineries	282,688	---	274,422	---	239,162*	282,688	239,162
At plants	112	---	153	---	104*	112	104
Imports	4,768	154	4,433	153	168	13,583	15,217
Exports	6	(s)	12	(s)	1	36	140
Supplied for domestic use	198,733	6,411	191,233	6,594	7,221	586,364	640,997
Aviation gasoline:							
Production, total	1,328	43	1,111	38	29	3,225	2,361
At refineries	1,265	41	1,040	36	27	3,032	2,217
At gas processing plants	63	2	71	2	2	193	144
Stocks, total	3,031	---	2,707	---	2,662*	3,031	2,662
At refineries	2,896	---	2,635	---	2,604*	2,896	2,604
At plants	135	---	72	---	58*	135	58
Imports	-	-	-	-	-	-	-
Supplied for domestic use	1,004	32	1,071	37	36	2,913	2,608
Jet fuel, total:							
Production	31,963	1,031	29,749	1,026	1,097	92,830	91,372
Stocks	38,661	---	38,258	---	32,607*	38,661	32,607
Imports	3,071	99	1,238	43	61	7,265	7,338
Exports	49	2	59	2	1	145	114
Supplied for domestic use	34,582	1,116	31,082	1,072	1,088	99,809	99,656
Naphtha-type:							
Production, total	5,847	189	5,520	190	166	16,752	14,847
At refineries	5,847	189	5,520	190	166	16,752	14,847
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	5,863	---	6,211	---	5,284*	5,863	5,284
At refineries	5,863	---	6,211	---	5,284*	5,863	5,284
At plants	-	---	-	---	-*	-	-
Imports	1,556	50	584	20	6	3,095	1,451
Exports	-	-	4	(s)	-	20	-
Supplied for domestic use	7,751	250	5,474	189	185	19,558	16,974
Kerosene-type:							
Production	26,116	842	24,229	835	931	76,078	76,525
Stocks	32,798	---	32,047	---	27,323*	32,798	27,323
Imports	1,515	49	654	23	55	4,170	5,887
Exports	49	2	55	2	1	125	114
Supplied for domestic use	26,831	866	25,608	883	903	80,251	82,682

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Ethane (including ethylene):							
Production, total	8,656	279	9,058	312	306	27,292	28,645
At refineries	219	7	247	9	6	691	709
At gas processing plants	8,437	272	8,811	304	298	26,601	27,936
Stocks, total	4,350	---	4,350	---	6,272*	4,350	6,272
At refineries	-	---	-	---	-*	-	-
At plants	4,350	---	4,350	---	6,272*	4,350	6,272
Imports	1,277	41	2,118	73	94	4,995	4,207
Exports	-	-	-	-	-	1	-
Supplied for domestic use, total	9,933	320	11,238	388	413	33,694	33,430
Refinery ethane/ethylene	219	7	247	9	6	691	709
Plant ethane	9,714	313	10,991	379	407	33,003	32,721
Liquefied gases:							
Production, total	39,907	1,287	38,010	1,311	1,255	118,029	113,001
At refineries (L.R.G.), total	10,390	335	10,001	345	327	30,659	29,164
For fuel use	7,622	246	7,111	245	216	22,183	19,523
For chemical use	2,768	89	2,890	100	111	8,476	9,641
At gas processing plants (L.P.G.)	29,517	952	28,009	966	929	87,370	83,837
Stocks, total	85,988	---	86,089	---	89,888*	85,988	89,888
L.R.G., total	5,473	---	5,607	---	4,936*	5,473	4,936
For fuel use	5,318	---	5,424	---	4,684*	5,318	4,684
For chemical use	155	---	183	---	252*	155	252
L.P.G., total	80,515	---	80,482	---	84,952*	80,515	84,952
At refineries	2,666	---	2,145	---	2,424*	2,666	2,424
At plants	77,849	---	78,337	---	82,528*	77,849	82,528
Imports	5,363	173	5,186	179	144	17,123	17,311
Exports	700	23	767	26	31	2,390	1,769
L.P.G. used at refineries	6,544	211	7,285	251	233	22,841	24,811
Supplied for domestic use, total	38,127	1,230	41,351	1,426	1,216	129,166	139,884
L.R.G. for fuel use	7,728	249	7,535	260	242	22,741	21,981
L.R.G. for chemical use	2,796	90	2,852	98	110	8,445	9,658
L.P.G. for fuel and chemical use	27,603	890	30,964	1,068	864	97,980	108,245
Propane (including propylene):							
Production, total	22,450	724	21,564	744	709	67,035	65,502
At refineries, total	8,703	281	8,449	291	264	26,062	23,675
For fuel use	6,326	204	6,156	212	172	19,152	15,981
For chemical use	2,377	77	2,293	79	93	6,910	7,694
At gas processing plants	13,747	443	13,115	452	445	40,973	41,827
Stocks, total	46,432	---	48,293	---	59,917*	46,432	59,917
Refinery propane/propylene, total	3,705	---	3,848	---	2,950*	3,705	2,950
For fuel use	3,584	---	3,684	---	2,730*	3,584	2,730
For chemical use	121	---	164	---	220*	121	220
Plant propane, total	42,727	---	44,445	---	56,967*	42,727	56,967
At refineries	175	---	242	---	371*	175	371
At plants	42,552	---	44,203	---	56,596*	42,552	56,596
Imports	2,082	67	2,762	95	79	8,679	8,324
Exports	420	14	371	13	12	1,223	854
Plant propane used at refineries	449	14	433	15	13	1,228	1,102
Supplied for domestic use, total	25,524	823	29,109	1,004	834	90,721	96,003
Refinery propane/propylene, total	8,846	285	8,790	303	287	26,501	25,876
For fuel use	6,426	207	6,534	225	195	19,605	18,165
For chemical use	2,420	78	2,256	78	92	6,896	7,711
Plant propane	16,678	538	20,319	701	547	64,220	70,127
Butane (including butylene):							
Production, total	7,729	249	6,965	240	236	21,976	21,119
At refineries, total	1,281	41	1,164	40	41	3,448	3,655
For fuel use	1,025	33	785	27	32	2,326	2,322
For chemical use	256	8	379	13	10	1,122	1,333
At gas processing plants	6,448	208	5,801	200	195	18,528	17,464
Stocks, total	21,947	---	20,914	---	15,217*	21,947	15,217
Refinery butane/butylene, total	1,445	---	1,428	---	1,835*	1,445	1,835
For fuel use	1,433	---	1,419	---	1,824*	1,433	1,824
For chemical use	12	---	9	---	11*	12	11
Plant butane, total	20,502	---	19,486	---	13,382*	20,502	13,382
At refineries	1,390	---	1,027	---	1,159*	1,390	1,159
At plants	19,112	---	18,459	---	12,223*	19,112	12,223
Imports	3,133	101	1,718	59	49	7,146	4,962
Exports	280	9	396	14	19	1,167	915
Plant butane used at refineries	2,897	93	4,074	140	113	12,473	12,419
Supplied for domestic use, total	6,652	215	5,373	185	135	18,819	19,795
Refinery butane/butylene, total	1,264	41	1,232	42	45	3,514	3,926
For fuel use	1,011	33	852	29	35	2,397	2,585
For chemical use	253	8	380	13	10	1,117	1,341
Plant butane	5,388	174	4,141	143	90	15,305	15,869

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Liquefied gases (continued):							
Butane-propane mixture:							
Production, total	373	12	274	9	18	1,019	1,702
At refineries, total	279	9	188	6	15	741	1,405
For fuel use	271	9	170	6	13	705	1,220
For chemical use	8	(s)	18	1	2	36	185
At gas processing plants	94	3	86	3	3	278	297
Stocks, total	1,831	---	1,826	---	1,440 *	1,831	1,440
Refinery butane-propane mixture, total	309	---	322	---	141 *	309	141
For fuel use	301	---	321	---	130 *	301	130
For chemical use	8	---	1	---	11 *	8	11
Plant butane-propane mixture, total	1,522	---	1,504	---	1,299 *	1,522	1,299
At refineries	7	---	6	---	7 *	7	7
At plants	1,515	---	1,498	---	1,292 *	1,515	1,292
Imports	148	5	706	24	16	1,298	4,025
Plant butane-propane mixture used at refineries	217	7	177	6	4	578	847
Supplied for domestic use, total	299	10	795	27	30	1,626	5,017
Refinery butane-propane mixture, total	292	9	167	6	14	768	1,407
For fuel use	291	9	149	5	12	739	1,231
For chemical use	1	(s)	18	1	2	29	176
Plant butane-propane mixture	7	(s)	628	22	15	858	3,610
Ethane-propane mixture:							
Production	6,004	194	6,092	210	189	18,363	15,492
Stocks	6,083	---	5,609	---	6,874 *	6,083	6,874
Imports	-	-	-	-	-	-	-
Supplied for domestic use	5,530	178	5,876	203	212	17,597	18,639
Isobutane:							
Production, total	3,351	108	3,115	107	103	9,636	9,186
At refineries	127	4	200	7	6	408	429
At gas processing plants	3,224	104	2,915	101	97	9,228	8,757
Stocks, total	9,695	---	9,447	---	6,440 *	9,695	6,440
Refinery isobutane	14	---	9	---	10 *	14	10
Plant isobutane, total	9,681	---	9,438	---	6,430 *	9,681	6,430
At refineries	1,094	---	870	---	887 *	1,094	887
At plants	8,587	---	8,568	---	5,543 *	8,587	5,543
Plant isobutane used at refineries	2,981	96	2,601	90	103	8,562	10,443
Supplied for domestic use:							
Refinery isobutane for chemical use	122	4	198	7	6	403	430
Kerosene (including range oil):							
Production, total	4,718	152	5,353	185	171	15,219	19,653
At refineries	4,714	152	5,350	184	171	15,208	19,644
At gas processing plants	4	(s)	3	(s)	(s)	11	9
Stocks, total	13,072	---	13,283	---	10,400 *	13,072	10,400
At refineries	13,070	---	13,281	---	10,397 *	13,070	10,397
At plants	2	---	2	---	3 *	2	3
Imports	519	17	656	23	9	1,648	1,205
Exports	1	(s)	1	(s)	(s)	3	8
Supplied for domestic use	5,447	176	6,769	233	160	19,616	24,787
Distillate fuel oil:							
Production, total	79,495	2,564	80,579	2,779	2,993	253,808	266,121
At refineries	79,478	2,564	80,565	2,778	2,992	253,764	266,084
At gas processing plants	17	1	14	(s)	(s)	44	37
Crude used directly as distillate	46	1	43	1	1	133	133
Stocks, total	177,679	---	191,482	---	112,747 *	177,679	112,747
At refineries, total	177,659	---	191,464	---	112,728 *	177,659	112,728
No. 4 fuel oil	3,063	---	3,626	---	3,143 *	3,063	3,143
Other	174,596	---	187,838	---	109,585 *	174,596	109,585
At plants	20	---	18	---	19 *	20	19
Imports	5,537	179	6,420	221	176	17,495	17,932
Exports	575	19	239	8	5	1,029	384
Supplied for domestic use	98,306	3,171	107,465	3,706	3,627	321,451	387,445
Residual fuel oil:							
Production	49,010	1,581	51,327	1,770	1,718	155,093	162,558
Crude used directly as residual	419	14	404	14	14	1,252	1,252
Stocks	88,269	---	90,959	---	71,968 *	88,269	71,968
Imports	2 30,091	971	32,457	1,119	1,642	97,633	129,786
Exports	63	2	503	17	14	715	906
Supplied for domestic use	82,147	2,650	89,879	3,099	3,238	260,853	310,926
Petrochemical feedstocks (excluding ethane and liquefied gases)[1]:							
Production	26,084	841	24,025	828	632	76,352	55,574
Stocks	6,110	---	4,985	---	3,774 *	6,110	3,774
Imports, total	603	19	215	7	7	1,171	821
Naphtha-400	-	-	-	-	-	-	-
Other	603	19	215	7	7	1 171	821
Exports, total	679	22	540	19	36	2,313	2,829
Naphtha-400	118	4	332	11	12	580	556
Other	561	18	208	7	24	1,733	2,273
Supplied for domestic use, total	24,883	803	22,766	785	629	73,095	54,234
Still gas	1,341	43	1,343	46	42	4,287	3,744
Naphtha-400	8,258	266	7,999	276	219	24,742	18,308
Other	15,284	493	13,424	463	368	44,066	32,182

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	March 1980		February 1980		March 1979	January - March (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Special naphthas:							
Production, total	3,624	117	3,118	108	90	10,066	8,674
At refineries	3,539	114	2,988	103	87	9,687	8,448
At gas processing plants	85	3	130	4	3	379	226
Stocks, total	4,771	---	4,529	---	3,613*	4,771	3,613
At refineries	4,722	---	4,448	---	3,527*	4,722	3,527
At plants	49	---	81	---	86*	49	86
Imports	78	3	28	1	8	140	1,227
Exports	221	7	29	1	3	279	160
Supplied for domestic use	3,239	104	2,819	97	116	9,414	10,255
Lubricants:							
Production	5,575	180	5,300	183	190	16,547	17,109
Stocks	11,920	---	12,292	---	12,180*	11,920	12,180
Imports	165	5	172	6	14	592	824
Exports, total	1,068	34	571	20	30	2,278	1,953
Grease	23	1	12	(s)	1	53	60
Oil	1,045	34	559	19	29	2,225	1,893
Supplied for domestic use	5,044	163	5,019	173	201	15,490	16,033
Wax (1 bbl. = 280 lbs.):							
Production	534	17	494	17	18	1,538	1,647
Stocks	675	---	648	---	679*	675	679
Imports	-	-	-	-	-	-	-
Exports	36	1	96	3	2	172	182
Supplied for domestic use	471	15	470	16	17	1,422	1,545
Coke (5 bbls. = 1 short ton):							
Production, total	11,370	367	10,858	374	354	33,716	32,582
Marketable coke	6,512	210	6,076	210	186	18,864	17,095
Catalyst coke	4,858	157	4,782	165	168	14,852	15,487
Stocks	6,710	---	6,059	---	11,117*	6,710	11,117
Exports	4,118	133	3,730	129	111	11,765	10,893
Supplied for domestic use	6,601	213	6,258	216	246	20,451	21,640
Asphalt (5.5 bbls. = 1 short ton):							
Production	11,113	358	9,497	327	376	30,606	29,170
Stocks	31,498	---	27,151	---	30,404*	31,498	30,404
Imports	-	-	57	2	2	103	56
Exports	7	(s)	13	(s)	(s)	26	30
Supplied for domestic use	6,759	218	5,735	198	264	18,226	19,636
Road oil:							
Production	141	5	128	4	8	412	339
Stocks	536	---	482	---	464*	536	464
Supplied for domestic use	87	3	79	3	1	220	103
Still gas for fuel:							
Production	16,567	534	15,775	544	544	48,707	49,712
Miscellaneous products:							
Production, total	2,377	77	3,090	107	135	9,336	12,397
At refineries	2,277	73	2,999	103	133	9,047	12,145
At gas processing plants	100	3	91	3	2	289	252
Stocks, total	1,715	---	2,945	---	2,568*	1,715	2,568
At refineries	1,669	---	2,914	---	2,516*	1,669	2,516
At plants	46	---	31	---	52*	46	52
Imports	14	(s)	9	(s)	1	136	171
Exports	11	(s)	11	(s)	1	32	42
Supplied for domestic use	3,610	116	3,814	132	151	11,167	13,717
Unfinished oils (net):							
Input (plus) Output (minus)	-2,934	-95	+3,169	+109	+71	-9,017	+7,568
Stocks	115,799	---	111,217	---	104,177*	115,799	104,177
Imports	1,648	53	2,043	70	42	7,164	3,022

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

* Stock: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.

"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 774.

TABLE 3. - Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	March 1980		February 1980	March	January - March (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,571	115.2	118.0	4,199	10,799	11,879
New York	*70	2.3	2.3	65	209	186
Pennsylvania	*333	10.7	9.6	357	927	953
Virginia	-	-	-	-	-	-
West Virginia	*118	3.8	2.3	236	359	578
Total	*4,092	132.0	132.2	4,857	12,294	13,596
District II:						
Illinois	1,965	63.4	62.1	1,640	5,700	5,140
Indiana	357	11.5	11.5	338	1,054	1,001
Kansas	4,726	152.5	161.1	4,818	14,355	13,201
Kentucky	472	15.2	15.3	479	1,328	1,248
Michigan	*2,902	93.6	95.3	2,972	7,836	8,532
Missouri	5	0.2	0.1	4	13	15
Nebraska	517	16.7	16.5	515	1,500	1,450
North Dakota	3,296	106.3	108.3	2,384	9,426	6,659
Ohio	*1,085	35.0	34.5	1,296	3,148	3,333
Oklahoma	12,569	405.5	414.0	11,359	37,150	35,617
South Dakota	66	2.1	2.0	75	189	211
Tennessee	44	1.4	1.5	46	137	124
Total	*28,004	903.4	922.3	25,926	81,836	76,531
District III:						
Alabama	1,870	60.3	59.8	1,606	5,440	4,776
Arkansas	1,571	50.7	51.1	1,653	4,618	4,709
Louisiana, total	41,069	1,324.8	1,325.4	42,480	121,487	121,369
Gulf Coast	38,408	1,239.0	1,235.2	39,969	113,449	113,701
Rest of State	2,661	85.8	90.2	2,511	8,038	7,668
Mississippi	3,037	98.0	117.1	3,426	9,741	9,617
New Mexico, total	7,027	226.7	214.3	6,720	19,923	19,362
Southeastern	6,317	203.8	196.7	6,259	18,200	18,000
Northwestern	710	22.9	17.6	461	1,723	1,362
Texas, total	84,361	2,721.3	2,693.1	88,497	245,972	255,271
District 01	1,655	53.4	51.6	1,677	4,841	4,880
District 02	4,193	135.3	135.3	4,664	12,361	13,427
District 03	10,793	348.2	342.6	11,196	30,644	32,274
District 04	2,677	86.4	85.4	2,629	7,840	7,705
District 05	980	31.6	30.8	1,053	2,820	3,122
District 06, except East Texas	4,430	142.9	140.6	4,701	12,990	13,686
East Texas	5,079	163.8	159.2	5,196	14,712	15,037
District 07B	2,475	79.8	76.3	2,420	7,046	7,011
District 07C	2,647	85.4	86.9	2,591	7,876	7,484
District 08	20,728	668.7	667.3	21,715	60,654	62,185
District 08A	24,164	779.5	774.0	26,166	71,070	75,833
District 09	2,899	93.5	91.0	2,817	8,376	8,038
District 10	1,641	52.9	52.1	1,672	4,742	4,589
Total	138,935	4,481.7	4,460.9	144,382	407,181	415,104
District IV:						
Colorado	2,526	81.5	80.7	2,798	7,397	8,248
Montana	2,469	79.7	83.9	2,437	7,492	6,992
Utah	2,175	70.2	74.8	2,322	6,305	6,797
Wyoming	*10,850	350.0	349.0	11,355	31,471	32,406
Total	*18,020	581.3	588.4	18,912	52,665	54,443
District V:						
Alaska[2]	51,070	1,647.4	1,630.1	42,015	149,010	119,370
Arizona	38	1.2	1.3	41	118	115
California, total	29,811	961.7	957.7	29,889	86,955	86,786
South	7,142	230.4	229.4	7,633	20,946	22,303
Central Coastal	5,024	162.1	162.2	5,101	14,891	15,040
East Central	17,630	568.7	565.3	17,133	51,068	49,380
North	15	0.5	0.6	22	50	63
Nevada	91	2.9	3.1	100	274	292
Total	81,010	2,613.2	2,592.2	72,045	236,357	206,563
**United States, total	*270,061	8,711.6	8,696.1	266,122	790,333	766,237
Pennsylvania Grade (included above)	*1,237	39.9	37.3	1,526	3,583	3,953

Sources: ERA-182, the U.S. Geological Survey, and State Conservation Agencies.

[1] Includes offshore production.

[2] North Slope Production: Current month, 48,261; Year-to-date, 139,899.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State[1]

(Thousands of barrels)

State	March 1980		February 1980	March	January - March (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alaska[2]	2,809	90.6	91.4	3,603	8,424	10,402
California, total	4,301	138.7	138.1	4,538	13,515	13,178
Federal	864	27.9	28.4	946	2,591	2,796
State	3,437	110.9	109.7	3,592	10,924	10,382
Louisiana, total	25,096	809.5	802.1	25,320	74,092	71,642
Federal	22,706	732.5	725.4	22,624	67,090	64,112
State	2,390	77.1	76.7	2,696	7,002	7,530
Texas, total	866	27.9	23.2	451	2,250	1,248
Federal	665	21.5	17.3	204	1,661	594
State	201	6.5	5.9	247	589	654
*United States, total	33,072	1,066.8	1,054.8	33,912	98,281	96,470

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundaries.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 4. Production of lease condensate by State[1]

(Thousands of barrels)

State	March 1980		February 1980	March	January - March (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alabama	1,052	33.9	32.8	661	2,998	2,029
California	18	0.6	0.6	19	55	57
Louisiana	6,595	212.7	212.5	6,581	19,434	18,753
Mississippi	*94	3.0	5.1	131	393	367
New Mexico	462	14.9	16.8	411	1,421	1,134
Oklahoma	599	19.3	21.3	462	1,770	1,463
Texas	*3,372	108.8	109.0	3,040	9,927	8,844
Total	12,192	393.3	398.1	11,305	35,998	32,647

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

Supply and Disposition	March 1980		February 1980	March	January - March (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Supply:						
Production	270,061	8,712	8,696	266,122	790,333	766,237
Imports	179,341	5,785	5,936	197,231	548,624	592,541
Total new supply	449,402	14,497	14,632	463,353	1,338,957	1,358,778
Stock changes:						
Domestic crude	-2,877	-93	+377	+13,935	+22,346	+9,576
Foreign crude	+2,971	+96	-100	+4,851	+316	+13,582
Unaccounted for[1]	-16,688	-538	+79	+3,733	-15,936	-22,124
Disposition by use, total	432,620	13,955	14,434	448,300	1,300,359	1,313,496
Refinery inputs, domestic crude	247,906	7,997	8,020	241,511	725,379	709,158
Refinery inputs, foreign crude	173,789	5,606	6,074	194,401	543,612	576,561
Exports	10,009	323	310	11,458	28,626	25,081
Transfers	465	15	15	465	1,385	1,385
Losses	451	15	15	465	1,357	1,374

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522 and EM 594; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	March 1980		February 1980	March	January - March (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,306	106.7	100.3	4,262	10,064	12,420
New York	63	2.0	2.1	66	196	186
Pennsylvania	284	9.1	10.2	293	754	925
Virginia	-	-	-	-	-	-
West Virginia	50	1.6	5.9	188	397	554
Total	3,703	119.5	118.4	4,809	11,411	14,085
District II:						
Illinois	2,144	69.2	63.0	1,876	5,814	5,777
Indiana	408	13.2	9.3	331	1,073	1,089
Kansas	5,185	167.3	123.0	4,555	13,193	13,018
Kentucky	8	.3	9.9	477	691	1,314
Michigan	2,982	96.2	100.4	2,485	7,828	8,554
Missouri	5	.2	0.1	4	13	15
Nebraska	752	24.3	9.7	593	1,614	1,617
North Dakota	3,538	114.1	97.1	2,294	9,268	6,256
Ohio	1,928	62.2	25.8	853	3,650	3,148
Oklahoma	11,738	378.7	414.0	10,616	37,014	35,477
South Dakota	66	2.1	2.1	75	190	210
Tennessee	36	1.2	1.3	46	124	123
Total	28,790	928.7	855.6	24,205	80,472	76,598
District III:						
Alabama	1,439	46.4	64.1	1,675	5,106	4,703
Arkansas	1,516	48.9	51.3	1,644	4,669	4,703
Louisiana	40,461	1,305.2	1,351.0	40,460	119,995	120,327
Mississippi	3,148	101.6	116.0	3,147	8,702	9,571
New Mexico	6,949	224.2	187.3	6,883	18,882	19,643
Texas	86,129	2,778.3	2,605.1	83,829	241,311	248,592
Total	139,642	4,504.6	4,374.8	137,638	398,665	407,539
District IV:						
Colorado	2,175	70.2	81.7	3,005	7,254	8,213
Montana	2,680	86.5	83.6	2,059	7,257	6,886
Utah	2,156	69.6	78.9	2,220	6,224	6,762
Wyoming	8,891	286.8	379.4	11,680	29,068	30,718
Total	15,902	513.0	623.7	18,964	49,803	52,579
District V:						
Alaska	56,497	1,822.5	1,410.3	37,318	143,426	120,234
Arizona	38	1.2	1.3	41	118	115
California	28,288	912.5	931.9	29,108	83,841	85,211
Nevada	78	2.5	2.8	104	251	300
Total	84,901	2,738.7	2,346.3	66,571	227,636	205,860
*United States:						
Domestic crude	272,938	8,804.5	8,318.8	252,187	767,987	756,661
Foreign crude	176,370	5,689.4	6,036.2	192,380	548,308	578,959
Total	449,308	14,493.8	14,355.0	444,567	1,316,295	1,335,620
Pennsylvania Grade (included above)	2,084	67.2	38.2	1,095	4,192	3,782

Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

* United States is defined as the 50 States, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	March 31, 1980	February 29, 1980	March 31, 1980				February 29, 1980
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland	-	-	2,272	-	-	2,272	2,025
Florida, Georgia, NC, VA, W. VA.	2,999	2,666	2,128	794	47	2,969	2,771
New Hampshire, New York, Rhode Island	17	10	803	1,068	-	1,871	2,716
New Jersey	-	-	7,874	-	-	7,874	7,602
Pennsylvania	642	593	6,209	783	24	7,016	8,299
Total	3,658	3,269	19,286	2,645	71	22,002	23,413
District II:							
Illinois	1,977	2,156	5,247	17,998	76	23,321	22,654
Indiana	436	487	1,472	2,913	2	4,387	3,684
Iowa, Missouri, Nebraska	371	606	444	7,989	28	8,461	8,144
Kansas	5,388	5,847	2,818	8,476	235	11,529	11,165
Kentucky, Tennessee	897	425	1,408	3,955	9	5,372	6,313
Michigan	2,580	2,660	1,063	1,816	135	3,014	3,224
Minnesota, Wisconsin	-	-	2,829	2,497	-	5,326	5,714
North Dakota, South Dakota	2,081	2,323	303	974	128	1,405	1,511
Ohio	1,594	2,437	2,519	3,500	81	6,100	6,697
Oklahoma	15,350	14,519	1,991	23,565	758	26,314	26,487
Total	30,674	31,460	20,094	73,683	1,452	95,229	95,593
District III:							
Alabama	718	287	1,105	1,161	38	2,304	1,638
Arkansas	881	826	266	1,269	59	1,594	1,468
Louisiana	27,106	26,498	17,392	71,332	2,066	90,790	93,935
Mississippi	3,006	3,117	2,874	5,008	173	8,055	7,148
New Mexico	9,064	8,986	642	3,030	1,550	5,222	5,362
Texas	100,760	102,528	30,536	102,553	11,214	144,303	141,070
Total	141,535	142,242	52,815	[1] 184,353	15,100	[2] 252,268	250,621
District IV:							
Colorado	1,895	1,544	334	860	171	1,365	1,230
Montana	3,231	3,442	842	1,576	391	2,809	3,144
Utah	1,337	1,318	861	970	290	2,121	1,744
Wyoming	21,048	19,089	1,182	9,975	516	11,673	11,317
Total	27,511	25,393	3,219	13,381	1,368	17,968	17,435
District V:							
California	24,031	22,508	23,533	13,948	1,420	38,901	37,521
Other States [3]	41,208	46,622	8,056	18,465	44	26,565	28,256
Total	65,239	69,130	31,589	32,413	1,464	65,466	65,777
*United States:							
Domestic crude	[4] 268,617	271,494	74,039	175,123	19,455	268,617	271,494
Foreign crude	184,316	181,345	52,964	131,352	-	[5] 184,316	181,345
Total	452,933	452,839	127,003	306,475	19,455	452,933	452,839

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 160,191 located in Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 1,971 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 15,210; District II, 25,133; District III, 133,774; District IV, 737; District V, 9,462.

*United States is defined as the 50 states, excluding the Hawaiian Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: March 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast	44.6	-	0.8	23.4	15.9	4.7	10.6
Appalachian # 1	39.6	0.7	0.8	24.2	8.6	5.0	21.1
Appalachian # 2	47.8	0.1	5.8	19.6	9.1	-	17.6
Indiana, Illinois, etc	56.7	0.6	1.2	17.6	6.3	6.3	11.3
Minnesota, Wisconsin, etc	52.6	-	0.4	26.8	4.3	3.7	12.2
Oklahoma, Kansas, etc	54.3	1.0	0.2	23.8	3.7	5.2	11.8
Texas Inland	43.6	2.0	0.1	22.9	8.9	6.4	16.1
Texas Gulf	38.2	1.5	1.9	15.6	9.3	7.3	26.2
Louisiana Gulf	42.8	0.4	1.9	20.7	11.0	9.3	13.9
Arkansas, Louisiana Inland, etc	25.4	6.1	1.4	26.7	12.9	2.1	25.4
New Mexico	33.8	-	3.6	25.8	14.4	13.4	9.0
Rocky Mountain	46.1	-	0.2	30.3	6.7	6.1	10.6
West Coast	39.3	0.8	0.2	13.5	23.6	12.1	10.5
* U.S. Totals:							
March 1980	44.3	0.8	1.1	19.0	11.7	7.6	15.5
February 1980	44.1	0.7	1.3	19.6	12.5	7.2	14.6
March 1979	42.0	0.6	1.2	21.2	12.1	7.8	15.1

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: March 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United * States
	East Coast	Appa-lachian #1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	43,493	5,118	48,611	1,609	65,846	7,284	29,642	104,381	12,950	96,766	63,864	5,766	2,846	182,192	13,648	72,863	421,695
Domestic	3,023	2,763	5,786	605	36,263	2,929	23,058	62,855	11,611	52,340	37,770	4,456	2,667	108,844	12,215	58,206	247,906
Foreign	40,470	2,355	42,825	1,004	[1]29,583	4,355	6,584	[1]41,526	1,339	44,426	26,094	1,310	179	73,348	1,433	14,657	[1]173,789
Unfinished oils rerun (net)	-342	-201	-543	-	-685	-8	+130	-563	+681	-942	-488	-65	-121	-935	+320	-1,213	-2,934
Total crude and unfin. rerun	43,151	4,917	48,068	1,609	65,161	7,276	29,772	103,818	13,631	95,824	63,376	5,701	2,725	181,257	13,968	71,650	418,761
Natural gas liquids, total	-	14	14	144	2,608	439	1,722	4,913	591	6,835	1,768	513	109	9,818	438	892	16,073
L.P.G.	-	5	5	144	1,841	290	844	3,119	301	1,136	1,055	90	33	2,615	282	523	6,544
Natural gasoline	-	7	7	-	654	125	850	1,629	247	4,149	626	120	76	5,218	120	309	7,283
Unfractionated stream	-	2	2	-	113	24	28	165	43	1,550	87	303	-	1,983	36	60	2,246
Other hydrocarbons	61	21	82	-	65	-	25	90	42	467	616	-	2	1,127	-	271	1,570
Output																	
Gasoline, total	19,308	2,001	21,309	913	39,609	4,264	17,903	62,689	6,567	43,878	29,498	1,961	1,032	82,936	6,881	29,319	203,134
Motor gasoline	19,308	2,001	21,309	913	39,469	4,264	17,864	62,510	6,560	43,309	29,281	1,961	1,032	82,143	6,843	29,064	201,869
Aviation gasoline	-	-	-	-	140	-	39	179	7	569	217	-	-	793	38	255	1,265
Jet fuel, total	2,023	244	2,267	-	4,121	267	1,546	5,934	878	6,980	5,874	119	366	14,217	854	8,691	31,963
Naphtha-type	373	101	474	-	440	73	585	1,098	362	733	610	83	335	2,123	354	1,798	5,847
Kerosene-type	1,650	143	1,793	-	3,681	194	961	4,836	516	6,247	5,264	36	31	12,094	500	6,893	26,116
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	103	63	-	-	166	-	53	219
L.R.G., total	1,174	154	1,328	29	1,831	163	703	2,726	401	3,000	1,355	84	47	4,887	147	1,302	10,390
For fuel use	866	154	1,020	-	1,487	163	653	2,303	373	1,438	1,199	61	47	3,118	139	1,042	7,622
For chemical use	308	-	308	29	344	-	50	423	28	1,562	156	23	-	1,769	8	260	2,768
Kerosene	342	41	383	94	780	28	66	968	19	1,782	1,186	77	96	3,160	32	171	4,714
Distillate fuel oil	10,088	1,192	11,280	316	11,476	1,952	7,079	20,823	3,124	14,990	13,111	1,522	702	33,449	4,230	9,696	79,478
Residual fuel oil	6,862	424	7,286	147	4,075	311	1,102	5,635	1,207	8,881	6,994	734	392	18,208	937	16,944	49,010
Petrochemical feedstocks, total	785	13	798	-	1,320	3	115	1,438	773	17,642	4,577	93	-	23,085	7	756	26,084
Still gas	57	13	70	-	2	-	-	2	4	1,215	26	-	-	1,245	-	24	1,341
Naphtha-400°	411	-	411	-	294	3	111	408	552	5,818	1,071	38	-	7,479	7	214	8,519
Other	317	-	317	-	1,024	-	4	1,028	217	10,609	3,480	55	-	14,361	-	518	16,224
Special naphthas	19	34	53	2	378	-	284	664	270	1,397	251	350	-	2,268	5	549	3,539
Lube oil, total	552	370	922	-	505	-	423	928	24	2,353	578	138	-	3,093	3	629	5,575
Bright stock	23	140	163	-	26	-	71	97	-	165	29	-	-	194	-	62	516
Neutral	309	211	520	-	326	-	274	600	-	772	434	73	-	1,279	3	409	2,811
Other grades	220	19	239	-	153	-	78	231	24	1,416	115	65	-	1,620	-	158	2,248
Wax	18	49	67	-	8	-	30	38	6	200	95	42	-	343	-	86	[2]534
Coke	1,046	33	1,079	-	2,051	267	1,036	3,354	160	2,394	1,293	55	18	3,920	228	2,789	11,370
Asphalt	1,235	147	1,382	103	2,562	415	1,055	4,135	585	637	470	883	100	2,675	833	2,088	11,113
Road oil	-	-	-	-	106	-	-	106	-	-	-	-	-	-	1	34	141
Still gas for fuel	1,738	151	1,889	-	3,007	83	1,294	4,384	350	4,103	2,282	164	63	6,962	453	2,879	16,567
Miscellaneous	144	46	190	2	469	15	73	559	113	449	618	25	-	1,205	37	286	2,277
Processing gain (-) or loss (+)	-2,122	+53	-2,069	+147	-4,464	-53	-1,190	-5,560	-213	-5,663	-2,485	-33	+20	-8,374	-242	-3,459	-19,704
Crude oil distillation units:																	
Gross input (1,000 b/d)[3]	1,422	166	1,588	52	2,158	242	974	3,426	433	3,296	2,114	199	95	6,137	446	2,403	14,[illegible]
Capacity (1,000 b/d)[4]	1,831	207	2,038	66	2,787	324	1,132	4,309	601	4,345	2,642	268	130	7,986	607	3,102	18,042
Operating ratio[5]	77.7	80.2	77.9	78.8	77.4	74.7	86.0	79.5	72.0	75.9	80.0	74.3	73.1	76.8	73.5	77.5	77.6

Source: Form EIA-87.

[1] Includes some Athabasca hydrocarbons.

[2] Includes: microcrystalline, 125 ; crystalline-fully refined, 240 ; and crystalline-other, 169.

[3] Includes crude oil, products of natural gas processing plants, other oils charged to crude oil distillation units during the month.

[4] Represents operable capacity at the beginning of the month.

[5] Represents gross input divided by capacity.

Note: Input item "Unfractionated stream" includes Plant Condensate.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 10. - Stocks held at refineries, by pipelines, and at bulk terminals: March 31, 1980

(Thousands of barrels)

Item	P.A.D. District 1			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	
	East Coast	Appalachian # 1	Total	Appalachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States *
Motor gasoline, total	67,250	6,485	73,735	3,654	49,956	10,282	25,104	88,996	9,176	36,407	21,319	13,044	943	80,889	9,661	29,407	282,688
Refinery	11,877	1,248	13,127	120	20,826	3,238	9,725	33,909	3,903	20,970	14,235	1,437	487	41,032	6,406	16,624	111,098
Bulk terminal	42,677	4,345	47,022	2,391	22,680	5,229	6,477	36,777	2,828	8,678	1,533	2,338	337	15,714	1,806	9,912	111,231
Pipeline	12,694	892	13,586	1,143	6,450	1.815	8,902	18,310	2,445	6,759	5,551	9,269	119	24,143	1,449	2,871	60,359
Aviation gasoline, total	440	52	492	1	504	61	72	638	86	617	383	38	29	1,153	43	570	2,896
Refinery	30	-	30	-	260	-	40	300	15	590	371	-	-	976	34	272	1,612
Bulk terminal	410	52	462	1	213	61	24	299	54	17	12	6	16	105	9	298	1,173
Pipeline	-	-	-	-	31	-	8	39	17	10	-	32	13	72	-	-	111
Naphtha-type jet fuel, total	540	84	624	13	585	121	664	1,383	458	427	428	323	354	1,990	329	1,537	5,863
Refinery	204	84	288	-	494	76	508	1,078	260	348	418	83	176	1,285	233	969	3,853
Bulk terminal	25	-	25	10	81	45	151	287	164	79	-	45	44	332	9	187	840
Pipeline	311	-	311	3	10	-	5	18	34	-	10	195	134	373	87	381	1,170
Kerosene-type jet fuel, total	7,275	273	7,548	155	4,842	831	2,719	8,547	1,080	3,867	2,470	1,462	53	8,932	593	7,178	32,798
Refinery	1,013	85	1,098	-	1,832	71	255	2,158	255	2,253	1,567	14	21	4,110	267	4,001	11,634
Bulk terminal	4,044	108	4,152	57	2,195	554	602	3,408	204	518	118	60	11	911	168	2,632	11,271
Pipeline	2,218	80	2,298	98	815	206	1,862	2,981	621	1,096	785	1,388	21	3,911	158	545	9,893
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	750	9	759	3	1,031	34	697	1,765	289	667	907	12	8	1,883	227	839	5,473
For fuel use	733	9	742	-	941	34	695	1,670	287	643	900	11	8	1,849	218	839	5,318
For chemical use	17	-	17	3	90	-	2	95	2	24	7	1	-	34	9	-	155
Kerosene, total	5,288	521	5,809	362	2,508	132	378	3,380	92	2,062	851	523	64	3,592	104	185	13,070
Refinery	214	153	367	75	936	42	284	1,337	26	1,642	676	73	64	2,481	45	89	4,319
Bulk terminal	4,548	368	4,916	229	1,316	86	55	1,686	25	363	24	20	-	432	59	95	7,188
Pipeline	526	-	526	58	256	4	39	357	41	57	151	430	-	679	-	1	1,563
Distillate fuel oil, total	63,158	3,933	67,091	2,562	26,550	8,547	19,623	57,282	2,923	16,552	9,357	7,300	445	36,577	3,897	12,812	[2]177,659
Refinery	5,771	865	6,636	70	8,104	1,871	6,643	16,688	1,211	10,049	6,188	1,185	292	18,925	2,449	6,029	50,727
Bulk terminal	50,557	2,822	53,379	1,743	15,244	5,375	7,052	29,414	1,020	3,719	1,444	1,165	82	7,430	727	5,546	96,496
Pipeline	6,830	246	7,076	749	3,202	1,301	5,928	11,180	692	2,784	1,725	4,950	71	10,222	721	1,237	30,436
Residual fuel oil, total	42,212	749	42,961	475	7,623	1,389	2,548	12,035	446	10,143	7,981	673	257	19,500	932	[4]12,841	[4]88,269
Refinery	5,265	370	5,635	62	4,771	867	1,346	7,046	446	7,223	3,513	404	257	11,843	932	9,124	34,580
Bulk terminal	36,947	379	37,326	413	2,852	522	1,202	4,989	-	2,920	4,468	269	-	7,657	-	[4]3,717	[4]53,689
Petrochemical feedstocks, total	145	-	145	-	750	2	62	814	359	3,378	901	55	1	4,694	4	453	6,110
Naphtha-400°	144	-	144	-	454	2	48	504	160	1,064	559	25	-	1,808	4	243	2,703
Other	1	-	1	-	296	-	14	310	199	2,314	342	30	1	2,886	-	210	3,407
Special naphthas, total	1,266	54	1,320	179	841	28	161	1,209	53	1,419	88	159	-	1,719	2	472	4,722
Refinery	18	33	51	2	240	-	161	403	53	1,393	78	158	-	1,682	2	427	2,565
Bulk terminal	1,248	21	1,269	177	601	28	-	806	-	26	10	1	-	37	-	45	2,157
Lube oil, total	2,653	1,053	3,706	19	1,216	30	569	1,834	56	3,360	1,297	180	14	4,907	50	1,423	[1]11,920
Bright stock	147	327	474	-	46	-	66	112	-	199	55	-	-	254	7	46	893
Neutral	705	517	1,222	-	560	-	342	902	-	1,081	814	62	-	1,957	36	576	4,693
Other grades	1,801	209	2,010	19	610	30	161	820	56	2,080	428	118	14	2,696	7	801	6,334
Wax	18	97	115	-	28	-	31	59	18	302	139	2	-	461	1	39	[3]675
Coke	1,201	-	1,201	-	1,681	606	521	2,808	5	393	377	50	-	825	407	1,469	6,710
Asphalt	5,518	913	6,431	1,108	7,553	3,321	2,270	14,252	848	602	1,294	1,434	376	4,554	3,125	3,136	[1]31,498
Road oil	-	-	-	-	498	-	7	505	-	-	-	2	-	2	7	22	536
Miscellaneous	258	37	295	-	275	23	228	526	42	228	405	49	-	724	-	124	[1]1,669
Unfinished oils	13,350	1,488	14,838	88	16,150	407	5,845	22,490	2,909	27,112	16,330	793	149	47,293	3,235	27,943	115,799
Refined products, total	211,322	15,748	227,070	8,619	122,591	25,814	61,499	218,523	18,840	107,536	64,527	26,099	2,693	219,695	22,617	100,450	788,355

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,301 ; Asphalt, 7,344; and Miscellaneous 193.

[2] Includes No. 4 fuel oil, in thousands of barrels: P.A.D. District I, 1,944; P.A.D. District II, 149; P.A.D. District III,491; P.A.D. District IV, 1; P.A.D. District V, 478.

[3] Includes microcrystalline, 104 ; crystalline-fully refined, 298 ; and crystalline-other, 273.

[4] Includes pipeline stocks: P.A.D. District V, 52

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.) 1980	January - March (Incl.) 1979
Turned into lines:					
Gasoline, total...........	178,565	171,654	191,345	542,002	553,989
Motor...................	178,228	171,524	191,041	541,345	553,097
Aviation................	337	130	304	657	892
Jet fuel, total...........	33,966	29,774	34,927	96,652	97,748
Naphtha-type............	3,824	3,256	4,042	10,476	10,637
Kerosene-type...........	30,142	26,518	30,885	86,176	87,111
Kerosene..................	2,690	2,788	3,022	9,093	11,860
Distillate fuel oil........	59,575	69,676	69,214	206,957	224,159
Residual fuel oil..........	240	225	105	679	314
Natural gas liquids........	55,973	49,269	56,789	159,606	164,929
Other products............	982	865	-	2,584	17
Delivered from lines:					
Gasoline, total...........	173,709	170,962	191,824	533,999	553,948
Motor...................	173,487	170,804	191,558	533,448	553,167
Aviation................	222	158	266	551	781
Jet fuel, total...........	31,987	29,812	33,641	94,659	94,379
Naphtha-type............	3,807	3,171	4,051	10,402	10,451
Kerosene-type...........	28,180	26,641	29,590	84,257	83,928
Kerosene..................	2,655	2,895	3,074	9,163	11,961
Distillate fuel oil........	60,992	71,641	72,859	211,720	236,633
Residual fuel oil..........	236	190	105	638	314
Natural gas liquids........	55,270	50,122	56,377	167,794	172,812
Other products............	1,031	841	-	2,676	17
Shortage (or overage):					
Gasoline, total...........	(340)	(710)	428	(190)	(1,369)
Motor...................	(386)	(694)	450	(218)	(1,381)
Aviation................	46	(16)	(22)	28	12
Jet fuel, total...........	322	566	426	1,205	1,083
Naphtha-type............	29	42	(27)	(9)	14
Kerosene-type...........	293	524	453	1,214	1,069
Kerosene..................	303	(54)	138	346	317
Distillate fuel oil........	(253)	(8)	12	(701)	(1,906)
Residual fuel oil..........	(3)	2	-	2	-
Natural gas liquids........	693	34	484	760	877
Other products............	1	2	-	0	-
Stocks in lines and working tanks at end of month:					
Gasoline, total...........	60,470	55,274	52,791	60,470	52,791
Motor...................	60,359	55,232	52,672	60,359	52,672
Aviation................	111	42	119	111	119
Jet fuel, total...........	11,063	9,406	9,313	11,063	9,313
Naphtha-type............	1,170	1,182	1,276	1,170	1,276
Kerosene-type...........	9,893	8,224	8,037	9,893	8,037
Kerosene..................	1,563	1,831	1,230	1,563	1,230
Distillate fuel oil........	30,436	31,600	21,928	30,436	21,928
Residual fuel oil..........	52	45	-	52	-
Natural gas liquids........	26,795	26,785	32,671	26,795	32,671
Other products............	69	119	-	69	-

Source: Form EIA-89.

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. Districts

(Thousands of barrels)

Item	March	February	March	January - March (Incl.)	
	1980	1980	1979	1980	1979
From District 1 to District 2:					
Gasoline, total	3,655	3,879	4,489	12,462	13,608
Motor	3,649	3,874	4,480	12,451	13,590
Aviation	6	5	9	11	18
Jet fuel, total	222	159	333	570	888
Naphtha-type	-	-	-	-	-
Kerosene-type	222	159	333	570	888
Kerosene	42	43	17	143	164
Distillate fuel oil	1,290	1,358	1,217	3,948	4,347
From District 2 to District 1:					
Gasoline, total	878	1,151	1,101	2,946	2,487
Motor	878	1,151	1,101	2,946	2,487
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	39	21	54	81
Distillate fuel oil	296	175	289	667	791
Natural gas liquids	573	450	11	3,981	5,030
From District 2 to District 3:					
Gasoline, total	1,592	1,601	1,471	5,013	4,276
Motor	1,592	1,601	1,471	5,013	4,276
Jet fuel, total	106	80	39	290	156
Naphtha-type	60	59	39	179	156
Kerosene-type	46	21	-	111	-
Distillate fuel oil	241	301	296	835	1,009
Natural gas liquids	2,050	1,841	1,937	6,070	5,198
From District 2 to District 4:					
Gasoline, total	1,388	1,540	1,713	4,306	4,989
Motor	1,370	1,540	1,690	4,269	4,926
Aviation	18	-	23	37	63
Jet fuel, total	378	215	458	940	1,347
Kerosene-type	378	215	458	940	1,347
Kerosene	-	-	-	-	-
Distillate fuel oil	209	193	310	613	878
Natural gas liquids	174	220	135	643	630
From District 3 to District 1:					
Gasoline, total	33,149	35,716	36,161	110,363	106,796
Motor	33,130	35,711	36,144	110,326	106,733
Aviation	19	5	17	37	63
Jet fuel, total	4,718	4,822	5,997	15,343	16,506
Naphtha-type	131	93	125	372	357
Kerosene-type	4,587	4,729	5,872	14,971	16,149
Kerosene	858	1,170	1,256	3,344	4,000
Distillate fuel oil	14,913	16,059	17,986	52,162	56,005
Natural gas liquids	1,549	2,466	1,547	6,409	7,107
From District 3 to District 2:					
Gasoline, total	5,176	3,338	7,171	13,420	19,640
Motor	5,134	3,338	7,087	13,323	19,353
Aviation	42	-	84	97	287
Jet fuel, total	893	1,448	1,056	3,743	3,161
Naphtha-type	1	1	-	2	2
Kerosene-type	892	1,447	1,056	3,741	3,159
Kerosene	138	11	193	266	645
Distillate fuel oil	815	1,589	2,133	4,027	6,798
Natural gas liquids	6,430	4,832	8,414	16,619	27,687
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	864	790	990	2,668	2,732
Motor	864	790	990	2,668	2,732
Jet fuel, total	194	246	200	635	654
Naphtha-type	84	142	124	341	388
Kerosene-type	110	104	76	294	266
Distillate fuel oil	385	328	353	1,044	1,031
From District 4 to District 2:					
Gasoline, total	427	484	462	1,219	1,466
Motor	427	484	462	1,219	1,466
Jet fuel, total	11	23	39	57	98
Naphtha-type	-	15	30	32	73
Kerosene-type	11	8	9	25	25
Kerosene	-	-	-	-	-
Distillate fuel oil	416	305	357	994	1,011
Natural gas liquids	431	398	368	1,209	835
From District 4 to District 3:					
Natural gas liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	647	739	786	2,163	2,436
Motor	647	739	786	2,163	2,436
Jet fuel, total	91	146	168	374	474
Naphtha-type	68	80	88	235	261
Kerosene-type	23	66	80	139	213
Distillate fuel oil	219	197	220	603	546

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.)	
				1980	1979
Gulf Coast to East Coast, total:[1]					
Crude oil	261	427	754	1,054	1,530
Unfinished oils	507	421	788	1,207	1,333
Gasoline, total	13,953	11,868	19,201	38,762	50,468
Motor	13,661	11,671	19,025	38,027	49,961
Aviation	292	197	176	735	507
Special naphthas	340	337	357	1,074	1,277
Jet fuel, total	3,926	4,343	4,085	12,550	10,357
Naphtha-type	847	612	447	1,835	1,398
Kerosene-type	3,079	3,731	3,638	10,715	8,959
Kerosene	501	392	524	1,366	2,009
Distillate fuel oil	5,197	5.940	11,229	18,967	27,939
Residual fuel oil	9,121	6,361	3,948	21,291	11,659
Lubricating oil	1,016	708	854	2,792	2,458
Wax	16	28	19	61	51
Asphalt and road oil	369	342	240	1,201	745
Liquefied gases	15	-	78	15	385
Petrochemical feedstocks	297	143	89	629	407
Other products	282	1.106	521	2,045	2,796
Total	35,801	32,416	42,687	103,014	113,414
Gulf Coast to P.A.D. District II:					
Crude oil	1,314	1,871	400	4,592	1,167
Unfinished oils	207	-	-	207	21
Gasoline, total	1,694	1,277	1,356	4,462	4,381
Motor	1,555	1,242	1,341	4,254	4,291
Aviation	139	35	15	208	90
Special naphthas	149	153	159	406	455
Jet fuel, total	203	126	260	478	955
Naphtha-type	-	-	-	-	-
Kerosene-type	203	126	260	478	955
Kerosene	65	56	56	154	200
Distillate fuel oil	449	337	429	1,031	2,071
Residual fuel oil	794	363	433	1,872	2,272
Lubricating oil	288	312	177	895	503
Wax	-	-	-	-	-
Asphalt and road oil	184	201	417	586	791
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	44	74	103	168	200
Other products	74	58	6	141	35
Total	5,465	4,828	3,796	14,992	13,258
Gulf Coast to West Coast:					
Crude oil	-	-	-	-	-
Unfinished oils	-	227	-	499	-
Gasoline, total	-	-	19	-	66
Motor	-	-	-	-	47
Aviation	-	-	19	-	19
Special naphthas	10	-	-	10	-
Jet fuel, total	-	34	355	231	555
Naphtha-type	-	-	-	-	-
Kerosene-type	-	34	355	231	555
Kerosene	-	-	-	-	-
Distillate fuel oil	-	34	63	34	614
Residual fuel oil	154	102	209	256	-
Lubricating oil	76	174	-	412	323
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	-	-	-	-	19
Total	240	571	646	1,442	1,577
West Coast to East Coast:					
Crude oil	2,677	1,850	1,360	7,275	1,826
Gasoline, total	251	-	-	251	-
Motor	251	-	-	251	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	-	-	20	-
Residual fuel oil	-	-	-	152	-
Lubricating oil	30	-	-	30	15
Other products	1	-	-	1	5
Total	2,959	1,850	1,360	7,729	1,846
West Coast to Gulf Coast:					
Crude oil	7,290	6,604	5,598	26,507	12,790
Motor gasoline	-	-	104	-	104
Kerosene-type jet fuel	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Wax	-	-	-	-	-
Lubricating oil	123	26	22	206	107
Unfinished oils	179	-	23	179	195
Other products	-	-	-	32	70
Total	7.592	6,630	5,747	26,924	13,266

Source: EIA-170

[1] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.)	
				1980	1979
To New England: [1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	-	190	-
Gasoline, total	2,215	1,608	2,536	5,987	7,303
Motor	2,195	1,574	2,512	5,933	7,250
Aviation	20	34	24	54	53
Special naphthas	7	58	66	92	146
Jet fuel, total	388	667	870	1,420	2,022
Naphtha-type	36	48	-	84	216
Kerosene-type	352	619	870	1,336	1,806
Kerosene	304	121	133	601	514
Distillate fuel oil	1,588	1,843	2,883	6,488	8,016
Residual fuel oil	964	570	-	2,397	-
Lubricating oil	13	-	-	20	16
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	6	5	8	66	39
Total	5,485	4,872	6,496	17,261	18,056
To Central Atlantic: [1]					
Crude oil	261	323	754	950	1,530
Unfinished oils	196	313	667	598	1,168
Gasoline, total	1,602	665	4,561	3,106	9,262
Motor	1,542	617	4,543	2,948	9,201
Aviation	60	48	18	158	61
Special naphthas	228	211	164	724	631
Jet fuel, total	217	866	536	1,651	1,117
Naphtha-type	-	-	-	-	-
Kerosene-type	217	866	536	1,651	1,117
Kerosene	116	118	312	318	820
Distillate fuel oil	1,016	1,387	5,019	4,400	11,463
Residual fuel oil	2,747	2,713	1,319	7,160	4,222
Lubricating oil	762	529	617	2,082	1,781
Wax	16	28	19	61	51
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	48	-	147
Petrochemical feedstocks	243	143	32	556	321
Other products	61	961	451	1,551	2,571
Total	7,465	8,257	14,499	23,157	35,084
To Lower Atlantic: [1]					
Crude oil	-	104	-	104	-
Unfinished oils	311	108	121	419	165
Gasoline, total	10,136	9,595	12,104	29,669	33,903
Motor	9,924	9,480	11,970	29,146	33,510
Aviation	212	115	134	523	393
Special naphthas	105	68	127	258	500
Jet fuel, total	3,321	2,810	2,679	9,479	7,218
Naphtha-type	811	564	447	1,751	1,182
Kerosene-type	2,510	2,246	2,232	7,728	6,036
Kerosene	81	153	79	447	675
Distillate fuel oil	2,593	2,710	3,327	8,079	8,460
Residual fuel oil	5,410	3,078	2,629	11,734	7,437
Lubricating oil	241	179	237	690	661
Wax	-	-	-	-	-
Asphalt and road oil	369	342	240	1,201	745
Liquefied gases	15	-	30	15	238
Petrochemical feedstocks	54	-	57	73	86
Other products	215	140	62	428	186
Total	22,851	19,287	21,692	62,596	60,274

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	March	February	March	January - March (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Algeria	13,857	18,065	17,038	46,312	55,127
Angola	844	1,702	486	3,422	2,108
Bolivia	-	-	-	301	-
Brunei	-	-	324	151	723
Cameroon	1,105	1,323	-	3,791	972
Canada[1]	6,173	7,541	9,656	22,475	26,879
Congo (Brazzaville)	145	-	-	145	909
Ecuador	1,669	394	1,096	2,063	4,119
Egypt	2,175	1,916	2,153	5,272	3,169
Gabon	511	1,155	1,605	2,651	3,864
Ghana	-	50	-	50	-
Indonesia	11,372	7,905	12,167	31,575	37,626
Iran	-	266	-	2,625	7,667
Iraq	1,449	497	4,532	4,491	8,206
Kuwait	853	1,087	-	1,940	482
Libya	20,026	17,050	17,118	56,197	56,365
Malaysia	1,623	2,190	2,372	5,353	5,210
Mexico	14,193	12,550	12,321	43,319	42,055
Netherlands	-	7	-	404	1,914
Nigeria	27,680	28,737	42,511	88,759	105,255
Norway	5,541	4,869	2,259	14,803	5,415
Oman	1,190	722	2,285	2,943	4,613
People's Republic of China	-	-	763	-	1,502
Peru	797	1,553	431	3,850	3,031
Qatar	579	497	561	2,747	2,390
Saudi Arabia	42,693	39,747	40,249	130,113	133,828
Spain	-	-	-	299	-
Syria	-	787	484	787	484
Trinidad	3,074	3,188	4,938	10,377	9,723
Tunisia	-	-	400	355	1,492
United Arab Emirates	11,472	8,815	9,249	26,536	28,504
United Kingdom	7,118	2,979	4,676	19,017	18,123
Venezuela	2,789	6,259	7,557	14,793	20,786
Zaire	413	295	-	708	-
Total [1]	[2] 179,341	172,146	197,231	[2] 548,624	592,541
To District I:					
Algeria	5,493	6,949	6,052	15,593	17,240
Angola	546	352	-	898	-
Canada	392	466	136	1,271	529
Ecuador	-	-	359	-	667
Egypt	1,474	1,057	2,153	3,137	3,169
Gabon	511	905	1,605	2,015	3,864
Indonesia	927	566	495	2,502	2,358
Iran	-	-	-	-	5,685
Iraq	-	-	415	-	996
Kuwait	210	1,087	-	1,297	-
Libya	4,235	3,211	1,985	10,900	7,581
Mexico	720	1,065	210	3,617	1,057
Netherlands	-	6	-	403	-
Nigeria	6,828	6,491	11,897	22,583	26,263
Norway	1,353	511	-	2,850	1,310
Oman	-	312	628	754	1,132
Peru	-	778	431	1,556	548
Qatar	-	-	-	454	-
Saudi Arabia	12,898	14,079	10,096	42,384	35,134
Spain	-	-	-	299	-
Trinidad	352	352	262	1,402	262
Tunisia	-	-	-	-	827
United Arab Emirates	1,067	1,333	592	2,710	1,669
United Kingdom	1,229	1,377	1,360	4,219	4,846
Venezuela	1,419	4,047	3,910	7,213	10,383
Zaire	413	295	-	708	-
Total	40,067	45,239	42,586	128,765	125,520

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District Country of Origin	March 1980	February 1980	March 1979	January - March (Incl.) 1980	January - March (Incl.) 1979
To District II:					
Algeria	5,068	3,954	3,329	12,643	10,656
Cameroon	371	880	-	2,614	972
Canada[1]	4,519	5,505	6,666	15,973	19,358
Ecuador	-	-	-	-	1,013
Egypt	-	-	-	135	-
Ghana	-	50	-	50	-
Iran	-	266	-	1,890	590
Iraq	-	-	1,901	-	3,014
Libya	7,835	6,500	10,401	22,173	29,366
Mexico	3,981	5,369	5,438	14,183	13,928
Nigeria	7,293	7,404	6,713	22,173	17,743
Norway	1,802	2,001	1,422	5,690	2,537
Oman	1,007	410	1,394	2,006	2,478
Peru	-	-	-	722	1,200
Qatar	-	-	511	-	1,895
Saudi Arabia	2,961	4,501	3,184	11,215	13,377
Trinidad	898	476	973	1,811	1,898
Tunisia	-	-	400	-	400
United Arab Emirates	2,080	1,904	1,124	5,510	3,945
United Kingdom	3,949	821	466	8,488	3,604
Venezuela	-	454	360	1,212	719
Total[1]	41,764	40,495	44,282	128,488	128,693
To District III:					
Algeria	3,296	7,162	7,657	18,076	24,694
Angola	298	593	486	1,767	1,405
Bolivia	-	-	-	301	-
Cameroon	734	443	-	1,177	-
Congo (Brazzaville)	145	-	-	145	909
Ecuador	1,413	394	737	1,807	2,439
Egypt	701	859	-	2,000	-
Gabon	-	250	-	636	-
Indonesia	-	-	712	-	1,867
Iran	-	-	-	735	1,392
Iraq	1,449	497	2,216	4,491	4,196
Kuwait	643	-	-	643	482
Libya	7,956	7,339	4,732	22,869	19,418
Malaysia	-	-	-	192	-
Mexico	9,492	6,116	6,673	25,519	27,070
Netherlands	-	1	-	1	1,914
Nigeria	13,559	14,729	23,901	43,890	61,035
Norway	2,386	2,042	837	5,948	1,568
Oman	183	-	263	183	1,003
Peru	406	775	-	1,181	391
Qatar	579	497	50	2,293	495
Saudi Arabia	26,834	20,821	25,901	75,980	82,697
Syria	-	787	484	787	484
Trinidad	1,824	2,360	3,703	7,164	7,563
Tunisia	-	-	-	355	265
United Arab Emirates	6,115	4,559	5,698	14,167	15,861
United Kingdom	1,940	781	2,850	6,310	9,673
Venezuela	1,164	1,311	2,989	5,406	9,137
Total	[2]81,117	72,316	89,889	[2]244,023	275,958
To District IV:					
Algeria	-	-	-	-	2,537
Canada	664	1,068	2,075	3,496	5,208
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	113	-	113	-
Saudi Arabia	-	26	-	26	-
Total	664	1,207	2,075	3,890	8,105
To District V[3]:					
Angola	-	757	-	757	703
Brunei	-	-	324	151	723
Canada	598	502	779	1,735	1,784
Ecuador	256	-	-	256	-
Indonesia	10,445	7,339	10,960	29,073	33,041
Malaysia	1,623	2,190	2,372	5,161	5,210
Nigeria	-	-	-	-	214
Norway	-	315	-	315	-
People's Republic of China	-	-	763	-	1,502
Peru	391	-	-	391	892
Saudi Arabia	-	320	1,068	508	2,620
United Arab Emirates	2,210	1,019	1,835	4,149	7,029
Venezuela	206	447	298	962	547
Total	15,729	12,889	18,399	43,458	54,265

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District

(Thousands of barrels)

Item	March	February	March	January - March (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Motor gasoline, total	4,768	4,433	5,201	13,583	15,217
Receipts from Puerto Rico	890	646	829	2,143	2,526
Other	[1]3,878	3,787	4,372	11,440	12,691
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,556	584	192	3,095	1,451
Bonded aircraft fuel	-	-	-	-	-
Other	[1]1,556	584	192	3,095	1,451
Kerosene-type jet fuel, total	1,515	654	1,694	4,170	5,887
Bonded aircraft fuel	505	204	39	1,214	161
Receipts from Puerto Rico	-	-	-	-	-
Other	1,010	450	1,655	2,956	5,726
Ethane	1,277	2,118	2,909	4,995	4,207
Liquefied petroleum gases	5,363	5,186	4,477	17,123	17,311
Kerosene, total	519	656	287	1,648	1,205
Receipts from Puerto Rico	26	-	-	26	149
Other	[1]493	656	287	1,622	1,056
Distillate fuel oil, total	5,537	6,420	5,453	17,495	17,932
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	197	-	544	98
Receipts from Puerto Rico	475	1,281	357	2,085	1,353
No. 2 fuel oil	[1]4,718	4,942	4,559	14,345	14,283
No. 4 fuel oil	344	-	537	516	2,198
Residual fuel oil, total	30,091	32,457	50,892	97,633	129,786
Bonded ships bunkers	5	-	-	5	-
For military offshore use	191	33	-	415	-
Receipts from Puerto Rico	503	50	216	553	1,524
Other	[1]29,392	32,374	50,676	96,660	128,262
Petrochemical feedstocks, total	603	215	217	1,171	821
Receipts from Puerto Rico	148	137	143	448	629
Other	455	78	74	723	192
Special naphthas	78	28	242	140	1,227
Lubricants	165	172	422	592	824
Wax	-	-	-	-	-
Asphalt	-	57	56	103	56
Miscellaneous	14	9	34	136	171
Total	51,486	52,989	72,076	161,884	196,095
District I:					
Motor gasoline, total	3,404	3,229	4,417	10,350	12,410
Receipts from Puerto Rico	692	646	829	1,945	2,302
Other	2,712	2,583	3,588	8,405	10,108
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,556	557	192	2,685	899
Bonded aircraft fuel	-	-	-	-	-
Other	1,556	557	192	2,685	899
Kerosene-type jet fuel, total	649	333	1,152	1,944	3,182
Bonded aircraft fuel	160	30	-	514	30
Receipts from Puerto Rico	-	-	-	-	-
Other	489	303	1,152	1,430	3,152
Ethane	-	-	-	1	2
Liquefied petroleum gases	585	815	603	3,143	4,794
Kerosene, total	519	656	287	1,648	1,205
Receipts from Puerto Rico	26	-	-	26	149
Other	493	656	287	1,622	1,056
Distillate fuel oil, total	5,357	6,374	5,360	16,933	17,206
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	197	-	304	19
Receipts from Puerto Rico	475	1,281	357	2,085	1,353
No. 2 fuel oil	4,538	4,896	4,466	14,028	13,636
No. 4 fuel oil	344	-	537	516	2,198
Residual fuel oil, total[2]	28,186	29,928	48,837	90,709	121,848
Bonded ships bunkers	5	-	-	5	-
For military offshore use	191	33	-	415	-
Receipts from Puerto Rico	503	50	216	553	1,524
Other	27,487	29,845	48,621	89,736	120,324
Petrochemical feedstocks, total	144	130	70	436	356
Receipts from Puerto Rico	11	79	68	176	298
Other	133	51	2	260	58
Special naphthas	2	1	216	3	668
Lubricants	147	140	240	501	546
Wax	-	-	-	-	-
Asphalt	-	57	56	103	56
Miscellaneous	-	4	-	107	118
Total	40,549	42,224	61,430	128,563	163,290
District II:					
Motor gasoline	208	152	68	599	258
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	27	-	27	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	27	-	27	-
Kerosene-type jet fuel, total	31	-	-	60	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	31	-	-	60	-
Ethane	1,277	2,118	2,909	4,994	4,205
Liquefied petroleum gases	3,369	2,655	2,923	9,554	8,555
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil[2]	695	644	1,380	2,359	4,070
Petrochemical feedstocks	2	4	72	66	134
Special naphthas	18	26	26	65	97
Lubricants	1	-	5	1	5
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	14	5	9	29	28
Total	5,615	5,631	7,392	17,754	17,352

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.)	
				1980	1979
District III:					
Motor gasoline, total	794	433	165	1,227	765
Receipts from Puerto Rico	198	-	-	198	224
Other	596	433	165	1,029	541
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	-	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	-	-
Kerosene-type jet fuel, total	-	20	-	572	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	20	-	572	-
Liquefied petroleum gases	522	706	1	1,367	425
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
Residual fuel oil, total	350	350	58	1,190	58
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	350	350	58	1,190	58
Petrochemical feedstocks, total	295	63	75	489	331
Receipts from Puerto Rico	137	58	75	272	331
Other	158	5	-	217	-
Special naphthas	-	-	-	13	462
Lubricants	-	32	36	73	132
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	25	-	25
Total	1,961	1,604	360	4,931	2,198
District IV:					
Motor gasoline	11	9	6	44	116
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	460	501	173	1,660	1,577
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Special naphthas	-	-	-	-	-
Lubricants	-	-	-	-	-
Total	471	510	179	1,704	1,693
District V:					
Motor gasoline, total	351	610	545	1,363	1,668
Receipts from Puerto Rico	-	-	-	-	-
Other	351	610	545	1,363	1,668
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	383	552
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	383	552
Kerosene-type jet fuel, total	835	301	542	1,594	2,705
Bonded aircraft fuel	345	174	39	700	131
Other	490	127	503	894	2,574
Liquefied petroleum gases	427	509	777	1,399	1,960
Kerosene	-	-	-	-	-
Distillate fuel oil, total	180	46	93	562	726
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	-	-	240	79
No. 2 fuel oil	180	46	93	317	647
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil, total	860	1,535	617	3,375	3,810
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	860	1,535	617	3,375	3,810
Petrochemical feedstocks	162	18	-	180	-
Special naphthas	58	1	-	59	-
Lubricants	17	-	141	17	141
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	-
Total	2,890	3,020	2,715	8,932	11,562

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 1,724; Naphtha-type jet fuel, 854; Distillate No. 2 fuel oil, 3,251; Kerosene, 493; Residual fuel oil, 6,726. District III: Motor gasoline, 504.

[2] Includes crude oil for direct burning as fuel: Current month, 774.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.)	
				1980	1979
Plant condensate, total	315	392	572	1,286	1,428
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	31	-	95
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	281	345	439	947	1,044
P.A.D. District V	34	47	102	339	289
Unfinished oils, total	1,648	2,043	1,290	7,164	3,022
P.A.D. District I	[1]517	1,134	781	2,761	2,262
P.A.D. District II	15	37	6	74	9
P.A.D. District III	892	839	360	3,798	535
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	224	33	143	531	216

Sources: Forms ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 331; and from the Virgin Islands: 186.

TABLE 17. - Crude oil input to refineries and refinery receipts of crude oil by origin of the crude and method of transportation: March 1980
(Thousands of barrels)

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-								Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	4,128	-	-	-	-	-	-	-	-	-	-	4,375
Fla., Ga., Va., N.C...	1,982	-	3,728	120	-	-	13	-	84	-	-	1,939
New Jersey, Rhode Is..	17,810	-	-	-	-	-	-	-	-	2,375	-	15,707
New York	2,972	-	4	-	-	-	-	1,469	-	-	951	282
Pennsylvania: East ...	18,977	-	-	-	-	-	-	-	-	1,862	-	16,508
West ...	2,200	-	364	12	186	137	-	167	556	93	1,081	-
West Virginia	542	-	215	7	199	2	-	140	75	169	-	-
District I	[1] 48,611	-	4,311	139	385	139	13	1,776	715	4,499	2,032	38,811
Illinois	29,276	-	2,333	75	1,091	2	-	14,522	1	-	12,057	1,419
Indiana	11,907	5	189	6	187	1	-	7,673	6	206	3,873	290
Kansas	11,970	-	4,831	156	3,756	237	-	4,055	-	-	3,886	-
Kentucky, Tennessee ..	7,447	12	298	10	-	205	-	1,516	42	1,052	4,461	-
Michigan	3,735	-	3,027	98	2,060	236	-	899	-	-	595	-
Minnesota, Wisconsin .	5,479	-	-	-	-	-	-	1,084	-	-	4,461	-
Missouri, Nebraska ...	2,131	-	748	24	-	-	-	2,187	2	-	-	-
N. and S. Dakota......	1,805	-	2,652	86	1,635	57	-	103	-	-	-	-
Ohio: East	1,609	-	-	-	-	-	-	577	-	-	1,068	-
West	[2] 13,481	-	1,064	34	-	-	-	6,683	-	-	[2] 6,903	-
Oklahoma	15,541	10	11,453	369	6,988	553	-	4,865	-	-	3,068	-
District II	104,381	27	26,595	858	15,717	1,291	-	44,164	51	1,258	40,372	1,709
Alabama	2,356	9	1,004	33	220	19	8	1,471	65	-	359	465
Arkansas	1,696	2	1,526	49	1,154	126	-	47	-	-	416	-
Louisiana	55,135	45	41,702	1,345	19,229	1,228	5,868	6,188	224	2,107	350	17,184
Mississippi	10,443	-	3,160	102	988	214	-	2,424	2	159	62	7,502
New Mexico	2,846	-	3,874	125	1,805	784	-	102	22	-	179	-
Texas	109,716	5	82,300	2,655	50,331	2,004	988	4,332	-	6,056	865	44,672
District III	182,192	61	133,566	4,309	73,727	4,375	6,864	14,564	313	8,322	2,231	69,823
Colorado	1,052	-	2,281	74	420	116	-	487	41	-	-	-
Montana	3,879	-	2,770	89	617	104	-	1,593	6	-	1,506	-
Utah	3,367	-	1,432	46	760	508	-	2,160	146	-	-	-
Wyoming	5,350	1	10,175	328	5,041	107	-	146	18	-	-	-
District IV	13,648	1	16,658	537	6,838	835	-	4,386	211	-	1,506	-
California	59,289	49	26,461	853	22,318	2,142	1,743	479	-	23,933	-	10,612
Washington	9,509	-	-	-	-	-	-	-	-	5,007	598	3,844
Other States [3]........	4,065	21	41,933	1,353	810	98	765	-	103	1,683	205	624
District V	72,863	70	68,394	2,206	23,128	2,240	2,508	479	103	30,623	803	15,080
* United States, total ..	421,695	159	249,524	8,049	119,795	8,880	9,385	65,369	1,393	44,702	[4] 46,944	125,423
Daily Average	13,603	5	8,049	X	3,864	286	303	2,109	45	1,442	1,514	4,046

Source: Form EIA-87.

[1] Includes 3,715 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: March 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va.,	97	13	-	-	-	-	-	-	-	33	51	-	-	84	-	-	-	-	-	-	84
New Jersey	2,375	-	-	-	-	-	-	-	-	-	51	-	-	51	-	-	-	-	-	2,324	2,375
New York, New Hamp.	1,469	-	-	559	-	-	-	-	559	-	715	-	195	910	-	-	-	-	-	-	1,469
Pennsylvania: East	1,862	-	-	-	-	-	-	-	-	-	35	-	632	667	-	-	-	-	-	1,195	1,862
West	1,139	323	18	36	-	658	-	79	773	-	-	-	-	-	-	25	-	-	25	-	816
West Virginia	585	201	-	-	-	384	-	-	384	-	-	-	-	-	-	-	-	-	-	-	384
P.A.D. District I	7,527	537	18	595	-	1,042	-	79	1,716	33	852	-	827	1,712	-	25	-	-	25	3,519	6,990
Illinois	15,616	1,093	549	1	-	-	59	1,014	1,074	39	2,343	581	8,919	11,882	172	-	-	136	308	710	14,523
Indiana	8,073	188	41	259	449	51	659	1,050	2,468	49	579	31	2,723	3,382	35	1,561	-	398	1,994	-	7,885
Kansas	8,048	3,993	-	-	-	-	28	1,074	1,102	-	-	-	2,074	2,074	165	39	-	675	879	-	4,055
Kentucky, Tennessee	2,815	205	317	594	-	64	-	-	658	15	1,016	-	265	1,296	-	-	-	138	138	201	2,610
Michigan	3,195	2,296	-	-	-	-	-	-	-	-	278	-	-	278	-	-	-	621	621	-	899
Minnesota, Wisconsin	1,084	-	-	-	-	-	764	181	945	-	-	-	-	-	-	139	-	-	139	-	1,084
Missouri, Nebraska	2,189	-	-	-	-	-	-	-	-	-	-	377	1,665	2,042	-	-	-	147	147	-	2,189
North Dakota	1,795	1,692	-	-	-	-	-	-	-	-	-	-	-	-	-	103	-	-	103	-	103
Ohio: East	577	-	-	44	-	-	-	-	44	-	484	-	25	509	-	-	-	-	-	24	577
West	6,683	-	16	479	-	-	-	7	486	143	2,126	-	3,912	6,181	-	-	-	-	-	-	6,683
Oklahoma	12,406	7,541	-	-	-	-	-	-	-	-	-	56	4,654	4,710	-	-	-	-	-	155	4,865
P.A.D. District II	62,481	17,008	923	1,377	449	115	1,510	3,326	6,777	246	6,826	1,045	24,237	32,354	372	1,842	-	2,115	4,329	1,090	45,473
Alabama	1,783	247	1,130	-	-	-	-	-	-	406	-	-	-	406	-	-	-	-	-	-	1,536
Arkansas	1,327	1,280	-	-	-	-	-	-	-	-	35	-	12	47	-	-	-	-	-	-	47
Louisiana	34,844	26,325	1,372	-	-	-	-	-	-	1,853	-	-	3,735	5,588	-	-	-	-	-	1,559	8,519
Mississippi	3,787	1,202	30	-	-	-	-	-	-	1	2,554	-	-	2,555	-	-	-	-	-	-	2,585
New Mexico	2,713	2,589	-	-	-	-	-	-	-	-	-	-	109	109	7	-	8	-	15	-	124
Texas	63,711	53,323	301	-	389	-	196	507	1,092	422	5,110	240	57	5,829	48	-	-	-	48	3,118	10,388
P.A.D. District III	108,165	84,966	2,833	-	389	-	196	507	1,092	2,682	7,699	240	3,913	14,534	55	-	8	-	63	4,677	23,199
Colorado	1,064	536	-	-	-	-	-	-	-	-	-	-	-	-	-	38	106	380	524	4	528
Montana	2,320	721	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,599	1,599	-	1,599
Utah	3,574	1,268	-	-	-	-	-	-	-	-	-	-	-	-	1,284	16	-	933	2,233	73	2,306
Wyoming	5,312	5,148	-	-	-	-	2	-	2	-	-	-	-	-	34	128	-	-	162	-	164
P.A.D. District IV	12,270	7,673	-	-	-	-	2	-	2	-	-	-	-	-	1,318	182	106	2,912	4,518	77	4,597
California	50,615	26,203	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,412	24,412
Other States	8,466	1,673	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	6,743	6,793
P.A.D. District V	59,081	27,876	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50	-	50	31,155	31,205
*United States, total	249,524	138,060	[1]3,774	1,972	838	1,157	1,708	3,912	9,587	2,961	15,377	1,285	28,977	48,600	1,745	2,049	164	5,027	8,985	[2]40,518	111,464
Daily average	8,049	4,453	122	64	27	37	55	126	309	96	496	41	935	1,568	56	66	6	162	290	1,307	3,596

Source: Form EIA-87.

[1] Florida, 3,715 ; New York, 4 ; Virginia, - ; Pennsylvania, 41; West Virginia, 14.

[2] Alaska, 40,183; Arizona, - ; California, 258 ; Nevada, 77.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States*: March 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	541	384	-	16	27	162	-	589	133	231	-	1,494
East Coast................	367	295	-	-	-	162	-	457	106	-	-	930
Appalachian No. 1..........	174	89	-	16	27	-	-	132	27	231	-	564
P.A.D. District II, total.......	1,758	2,901	453	347	880	136	-	4,717	1,130	2,242	15	9,862
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	495	554	-	45	99	-	-	698	91	966	3	2,253
Minn., Wisc., etc..........	-	92	-	12	26	-	-	130	41	24	-	195
Okla., Kans., etc..........	1,263	2,255	453	290	755	136	-	3,889	998	1,252	12	7,414
P.A.D. District III, total......	6,132	9,785	5,551	2,828	4,244	716	60	23,184	6,692	-1,920	556	34,644
Texas Inland..............	1,241	3,317	1,698	699	1,058	438	39	7,249	2,605	6,388	242	17,725
Texas Gulf................	2,376	3,333	3,281	1,166	2,128	63	9	9,980	2,198	-11,209	4	3,349
Louisiana Gulf............	2,344	2,382	472	769	766	52	6	4,447	1,443	594	288	9,116
Ark., La. Inland, etc......	29	153	-	103	117	17	6	396	76	195	18	714
New Mexico................	142	600	100	91	175	146	-	1,112	370	2,112	4	3,740
P.A.D. District IV, total.......	6	475	-	6	113	110	1	705	355	895	25	1,986
P.A.D. District V, total........	-	202	-	27	60	-	33	322	313	27	-	662
*United States, total........	8,437	13,747	6,004	3,224	5,324	1,124	94	29,517	8,623	1,475	596	48,648

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States*: March 31, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,339	-	46	143	45	-	2,573	18	-	-	2,591	-	-
East Coast...........	-	1,008	-	11	51	45	-	1,115	3	-	-	1,118	-	-
Appalachian No. 1....	-	1,331	-	35	92	-	-	1,458	15	-	-	1,473	-	-
P.A.D. District II, total.	2,611	16,448	428	1,882	3,192	28	290	22,268	1,878	626	7	27,390	793	354
Appalachian No. 2....	-	62	-	-	-	-	-	62	-	-		62	82	-
Ind., Ill., etc......	88	3,057	-	402	804	1	-	4,264	39	98	6	4,495	95	48
Minn., Wisc., etc....	1,160	567	-	3	17	-	111	698	12	3	-	1,873	150	106
Okla., Kans., etc....	1,363	12,762	428	1,477	2,371	27	179	17,244	1,827	525	1	20,960	466	200
P.A.D. District III, total	1,739	23,434	5,655	6,505	13,533	1,973	1,220	52,320	8,386	3,234	352	66,031	1,710	480
Texas Inland.........	892	4,226	378	426	1,255	349	656	7,290	759	1,213	238	10,392	80	30
Texas Gulf...........	618	10,307	5,261	3,867	9,638	928	25	30,026	4,647	1,759	4	37,054	1,085	120
Louisiana Gulf.......	193	4,007	-	2,141	2,423	10	536	9,117	2,780	98	74	12,262	531	207
Ark., La. Inland, etc	-	4,656	-	36	143	664	2	5,501	37	131	34	5,703	9	75
New Mexico...........	36	238	16	35	74	22	1	386	163	33	2	620	5	48
P.A.D. District IV, total.	-	150	-	1	106	16	-	273	173	21	5	472	82	151
P.A.D. District V, total..	-	181	-	153	39	37	5	415	35	2	-	452	81	10
* United States, total.	4,350	42,552	6,083	8,587	17,013	2,099	1,515	77,849	10,490	3,883	364	96,936	2,666	995

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: March 1980
(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United** States
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total	-	14	14	144	2,608	439	1,722	4,913	591	6,835	1,768	513	109	9,816	438	892	16,073
Propane	-	-	-	-	250	-	-	250	-	26	173	-	-	199	-	-	449
Butane, total	-	5	5	144	1,587	290	844	2,865	301	913	882	90	17	2,203	282	523	5,878
Isobutane	-	2	2	67	659	55	580	1,361	135	597	597	87	15	1,431	27	160	2,981
Normal butane	-	3	3	77	834	140	182	1,233	82	300	277	3	2	664	9	145	2,054
Other	-	-	-	-	94	95	82	271	84	16	8	-	-	108	246	218	843
Butane-propane mix	-	-	-	-	4	-	-	4	-	197	-	-	16	213	-	-	217
Natural gasoline	-	7	7	-	654	125	850	1,629	247	4,149	626	120	76	5,218	120	309	7,283
Unfractionated stream[1]	-	2	2	-	113	24	28	165	43	1,550	87	303	-	1,983	36	60	2,246
*Stocks at refineries, total	-	-	-	82	143	256	666	1,147	110	1,205	738	84	53	2,190	233	91	3,661
Propane	-	-	-	-	16	-	-	16	-	114	43	-	-	157	2	-	175
Butane, total	-	-	-	82	79	150	466	777	80	971	482	9	4	1,546	80	81	2,484
Isobutane	-	-	-	16	54	69	237	376	70	322	191	8	4	595	50	73	1,094
Normal butane	-	-	-	66	25	45	209	345	2	649	291	-	-	942	3	8	1,298
Other	-	-	-	-	-	36	20	56	8	-	-	1	-	9	27	-	92
Butane-propane mix	-	-	-	-	-	-	-	-	-	-	6	-	1	7	-	-	7
Natural gasoline	-	-	-	-	30	106	200	336	30	40	207	10	48	335	34	10	715
Unfractionated stream[1]	-	-	-	-	18	-	-	18	-	80	-	65	-	145	117	-	280
Liquefied refinery gases:																	
Refinery output, total	1,174	154	1,328	29	1,831	163	703	2,726	401	3,000	1,355	84	47	4,887	147	1,302	10,390
Propane and/or propylene	1,057	107	1,164	29	1,815	140	697	2,681	293	2,527	1,053	48	11	3,932	114	812	8,703
Petrochemical	293	-	293	29	344	-	49	422	-	1,307	149	-	-	1,456	3	203	2,377
Other	764	107	871	-	1,471	140	648	2,259	293	1,220	904	48	11	2,476	111	609	6,326
Butane and/or butylene	117	47	164	-	16	23	6	45	86	359	83	35	12	575	28	469	1,281
Petrochemical	15	-	15	-	-	-	1	1	16	144	-	23	-	183	-	57	256
Other	102	47	149	-	16	23	5	44	70	215	83	12	12	392	28	412	1,025
Butane-propane mix	-	-	-	-	-	-	-	-	10	4	219	1	24	258	-	21	279
Petrochemical	-	-	-	-	-	-	-	-	-	1	7	-	-	8	-	-	8
Other	-	-	-	-	-	-	-	-	10	3	212	1	24	250	-	21	271
Isobutane	-	-	-	-	-	-	-	-	12	110	-	-	-	122	5	-	127
*Stocks at refineries, total	750	9	759	3	1,031	34	697	1,765	289	667	907	12	8	1,883	227	839	5,473
Propane and/or propylene	723	6	729	3	855	19	273	1,150	115	614	837	4	3	1,573	86	167	3,705
Petrochemical	17	-	17	3	90	-	2	95	-	8	-	-	-	8	1	-	121
Other	706	6	712	-	765	19	271	1,055	115	606	837	4	3	1,565	85	167	3,584
Butane and/or butylene	27	3	30	-	176	15	248	439	174	38	62	8	5	287	133	556	1,445
Petrochemical	-	-	-	-	-	-	-	-	2	8	-	1	-	11	1	-	12
Other	27	3	30	-	176	15	248	439	172	30	62	7	5	276	132	556	1,433
Butane-propane mix	-	-	-	-	-	-	176	176	-	8	8	-	-	16	1	116	309
Petrochemical	-	-	-	-	-	-	-	-	-	1	7	-	-	8	-	-	8
Other	-	-	-	-	-	-	176	176	-	7	1	-	-	8	1	116	301
Isobutane	-	-	-	-	-	-	-	-	-	7	-	-	-	7	7	-	14

Sources: Forms EIA-87 and 64.

**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia..

*Stocks as of March 31, 1980.

[1] Includes plant condensate.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	March 1980	February 1980	March 1979	January - March (Incl.) 1980	January - March (Incl.) 1979
All Districts:					
Crude oil	10,009	8,982	11,458	28,626	25,018
Motor gasoline[1]	6	12	45	36	140
Jet fuel, total	49	59	21	145	114
Naphtha-type	-	4	-	20	-
Kerosene-type	49	55	21	125	114
Ethane	-	-	-	1	-
Liquefied gases, total	700	767	955	2,390	1,769
Propane	420	371	357	1,223	854
Butane	280	396	598	1,167	915
Kerosene	1	1	4	3	8
Distillate fuel oil	575	239	145	1,029	384
Residual fuel oil	63	503	440	715	906
Petrochemical feedstocks	679	540	1,108	2,313	2,829
Special naphthas	221	29	82	279	160
Lubricants	1,068	571	924	2,278	1,953
Wax	36	96	58	172	182
Coke	4,118	3,730	3,454	11,765	10,893
Asphalt	7	13	9	26	30
Miscellaneous products	11	11	17	32	42
Total	17,543	15,553	18,720	49,810	44,428
District I:					
Crude oil	231	231	-	462	-
Motor gasoline	1	1	1	3	3
Jet fuel, total	-	-	1	-	1
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	1	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	38	56	63	118	135
Propane	19	28	29	61	60
Butane	19	28	34	57	75
Kerosene	1	-	1	1	2
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	30	-	30	-
Petrochemical feedstocks	46	52	63	142	112
Special naphthas	4	2	2	8	7
Lubricants	187	135	206	519	415
Wax	6	8	10	18	24
Coke	136	312	235	778	490
Asphalt	3	2	2	6	5
Miscellaneous products	9	9	14	26	33
Total	662	838	598	2,111	1,227
District II:					
Crude oil	3,323	2,586	1,810	10,947	6,411
Motor gasoline	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Liquefied gases, total	19	12	8	301	17
Propane	5	2	4	112	9
Butane	14	10	4	189	8
Kerosene	-	-	-	-	-
Distillate fuel oil	1	-	-	2	1
Residual fuel oil	-	-	-	-	56
Petrochemical feedstocks	41	83	22	157	61
Special naphthas	5	-	5	5	6
Lubricants	21	15	17	57	42
Wax	2	1	2	4	7
Coke	171	71	72	303	208
Asphalt	1	1	2	3	3
Miscellaneous products	-	-	-	-	-
Total	3,584	2,769	1,938	11,779	6,812

Continued on next page.

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Petroleum Statement, Monthly

CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

April 1980

Production of crude petroleum (including lease condensate) in the United States* during April averaged 8,688,000 barrels per day, a decrease of 24,000 barrels per day below the March level, reports the Energy Information Administration, United States Department of Energy. Compared with April of last year, this represented an increase of 155,000 barrels per day, or 1.8 percent. Imports of crude oil for the month of April averaged 5,555,000 barrels per day, representing a decrease of 230,000 barrels per day below the April 1980 level and a decrease of 656,000 barrels per day, or 10.6 percent below the amount reported for April 1979. There were no imports of crude oil into the Strategic Petroleum Reserve during April 1980. Stocks of crude oil at the end of April totaled 470,543,000 barrels as compared with 452,933,000 barrels at the end of the previous month and 403,626,000 barrels at the end of April 1979. At the end of April, stocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during April was 13,765,000 barrels per day. This figure reflects a decrease of 235,000 barrels per day, or 1.7 percent below that reported for March 1980 and a decrease of 1,068,000 barrels per day, or 7.2 percent below the April 1979 level. The operating ratio of all refineries in the United States* during April averaged 75.5 percent of the total operable crude oil distillation capacity. This compares with 77.6 percent in March 1980 and 84.2 percent in April 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,227,000 barrels per day for April, 18,042,000 barrels per day for March 1980, and 17,611,000 barrels per day for April 1979.

Production of products at natural gas processing plants during April averaged 1,626,000 barrels per day compared with 1,569,000 barrels per day for the previous month and 1,611,000 barrels per day during April 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of April totaled 107,040,000 barrels. This was 10.1 million barrels above the stocks on March 31, 1980 and 5.4 million barrels above those at the end of April 1979.

Total disposition of primary supply of all oils in April averaged 17,088,000 barrels per day. It included 16,616,000 barrels per day of products supplied for domestic use, crude oil exports of 216,000 barrels per day, refined products exports of 241,000 barrels per day, and crude oil losses of 14,000 barrels per day. Compared with April of last year, total products supplied for domestic use decreased by 813,000 barrels per day, or 4.7 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 41, 16, and 15 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 533.9 for April 1980, compared with 522.8 for March 1980 and 325.8 for April 1979 reports the Bureau of Labor Statistics publication, Producer Price Indexes- April 1980. The unadjusted producer price index for refined products was 678.0 for April 1980, compared with 657.9 for March 1980, and 379.2 for April 1979.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Table 23. - Revisions to tables 1, 2, 5, 9, 17, 18, and 21 by month for year 1979.
Table 24. - Production of natural gas plant liquids in the United States: By month for year 1979 (Revised).
Table 25. - Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States: By month for year 1979 (Revised).
Table 26. - New basis stocks: January 1, 1979
Page 58. - Explanatory Note: Natural Liquids Revisions

Prepared September 16, 1980 in the Office of Oil and Gas Statistics.

Released for printing: September 26, 1980

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Natural Gas Liquids: Revisions to 1979 data

This issue of the Crude Petroleum, Petroleum Products, and Natural Gas Liquids monthly publication presents revised statistics for natural gas liquids production, producer-level stocks, natural gas liquids used at refineries, and natural gas liquids supplied (see pages 28-57). These revisions have been necessitated by data reporting problems that arose after the natural gas liquids survey was modified at the beginning of 1979.

Prior to January 1979, operators of processing plants and producer-level storage facilities provided natural gas liquids data on a voluntary basis. Since January 1979, all facilities have been required by law to report data. Fractionating facilities, which separate a mixed stream of natural gas liquids into component products such as propane, ethane, and butane have also been added to the universe of those required to report. These changes in coverage and reporting procedure caused a net overstatement of production and product supplied for all months of 1979. This overstatement was due in part to the duplication of production reports by fractionating and extraction facilities and to reporting in incorrect units (gallons rather than barrels). In addition, a high rate of submission of revised and corrected reports has increased the need for revision of the 1979 series.

Before January 1979, natural gas liquids data were collected on the Bureau of Mines Form 6-1305-M, "Natural Gas Processing Plant Report." Operators of natural gas processing plants and operators of producer-level, natural gas storage facilities were asked to report data on this form voluntarily. Their monthly reports included data on production, receipts, shipments, and stocks of ethane, propane, butane, propane-butane mixture, isopentane, natural gasoline, plant condensate, and heavier products which plants extract in very small quantities such as motor gasoline, jet fuel, and distillate fuel oil.

The method used to obtain product volumes reported on the Bureau of Mines form differs from the method now used to collect these data. The processing plants from which the data were collected were primarily units which extract natural gas liquids from natural gas and ship these liquids in a mixed or unfractionated stream to fractionating facilities. The fractionating facilities then separate the mixed stream into its component products--ethane, propane, butane and other products. Because the Bureau of Mines form was not filed by fractionating facilities, data on product output were collected from processing plant operators who estimated the product components of their unfractionated stream by chemical analysis. The data obtained in this manner did not reflect the actual product output of fractionating facilities. Although actual output could include such mixed products as ethane-propane mixture, a processing plant would report output of ethane and propane separately.

With the introduction, in January 1979, of the new data collection form (Energy Information Administration Form 64, "Natural Gas Liquids Operations Report," which is mandatory under the FEA Act of 1974 (PL 93-275)), approximately 35 fractionating facilities were added to the respondent niverse. After the addition of these facilities to the reporting universe, rocessing plants which had no fractionating capacity were required to report nly their output of mixed or unfractionated stream. Only those processing lants operating both fractionating and extraction units were required to eport output of specific products.

his new reporting system has significant advantages. Because data are now eported by the facilities that actually separate the mixed stream into its omponent products, it is possible to collect more accurate data on actual roducts marketed; production of mixed products, such as ethane-propane mix-ure, is no longer overlooked. Also, the new form provides a means, not reviously available, of ascertaining, tracking, and verifying quantities of roduct moving as a mixed stream.

owever, certain problems also had to be overcome. One early problem was that he addition of fractionating plants to the respondent universe made it pos-ible that, through misreporting, product output could be counted twice. An verstatement of total volumes of specific product output could occur either hen extraction plants misreported by showing production of specific products ather than production of unfractionated stream, or when fractionating acilities misreported by failing to report the input of unfractionated treams from which they separated an approximately equal volume of specific roducts.[*] During 1979, one of EIA's tasks has been to determine which rocessing plants also operate fractionating units and should, therefore, eport some product output, and which plants function only as extraction units nd should report only output of unfractionated stream. In early 1979, confu-ion over reporting requirements on the part of some respondents resulted in ouble counting of product output which contributed to the overstatement of aily production at processing plants.

hen the reporting of natural gas liquids data became mandatory in 1979, 136 espondents were added to the respondent universe. Thirty-five of these new espondents operate fractionating facilities; 95 of the new respondents perate processing plants not previously included on the mailing list, or acilities for which reports had not been filed on the Bureau of Mines form; nd 6 operate storage facilities. The universe of respondents now includes 16 facilities, of which 785 are processing plants, 96 are storage facilities, nd 35 are fractionating facilities. With the addition of these 101 proc-ssing plants and storage facilities, the coverage of production and stocks or known members of the universe is close to 100 percent. In previous years, overage of production with the Bureau of Mines had been between 97 and 98 ercent and coverage of stocks had been between 95 and 96 percent.

nother factor in the need for revision was the submission of a large number f revised reports. In 1979, approximately 25 percent of the regular re-pondents submitted revised or corrected reports. Those resubmissions helped o eliminate a number of reporting errors, principally the error of reporting ata in gallons rather than barrels.

The net production of natural gas liquids at a fractionating facility an be equal to zero, or it may be a relatively small positive or elatively small negative number. The size of the number is relative to otal input and output of liquids. The sign (+ or -) indicates a olumetric gain or loss depending upon the type of product produced. ractionating facilities producing large volumes of ethane would robably report a processing gain while facilities producing heavier roducts such as natural gasoline would probably report a processing oss.

An additional reporting problem was discovered when companies were contacted about their reports. Several large storage facilities were shipping sizeable volumes of ethane-propane mixture and other specific products to fractionating facilities. The products were moved to the fractionating facilities with the unfractionated streams. When the fractionating facilities reported production of specific products from these streams, there was a double counting of specific product output and an offsetting input of unfractionated stream which was never reported as production. These storage facilities were identified, the volumes of reclassified product were determined, and adjustments were made to reported data to account for these reclassifications.

The new monthly totals for 1979 represent a summation of all the company reports. The totals are based on the reports of 100 percent of the large and close to 100 percent of the small companies. Therefore, no estimation for non-response is necessary. When the Bureau of Mines form was used, estimation was done for regular respondents whose reports were missing in a given month, but no attempt was made to estimate for the companies that had never reported.

Product supplied data for January 1979 were calculated using the new basis January 1, 1979 stocks shown in Table 26.

CRUDE PETROLEUM,
PETROLEUM PRODUCTS,
AND NATURAL GAS LIQUIDS

April 1980

TABLES

TABLE 1. - Supply, disposition, and stocks of all oils

	Item	April 1980		March 1980		April 1979[6]	January - April (Incl.) (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979[6]
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	49,482	1,649	51,070	1,647	1,347	198,492	159,767
(2)	Lower 48 states	211,167	7,039	218,991	7,064	7,186	852,490	862,456
(3)	Total U.S	260,649	8,688	270,061	8,712	8,533	1,050,982	1,022,223
	Imports:							
(4)	Imports (gross excl. SPR)[1]	166,663	5,555	179,341	5,785	6,145	715,287	761,782
(5)	SPR imports	-	-	-	-	66	-	17,098
(6)	Exports[2]	-6,488	-216	-10,009	-323	-260	-35,114	-32,808
(7)	Imports (net including SPR)	160,175	5,339	169,332	5,462	5,952	680,173	746,072
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-	-	-	-	-46	-	-17,007
(9)	Other stock withdrawals (plus) or additions (minus)	-17,610	-587	-94	-3	-78	-40,272	-9,844
(10)	Used directly & losses	-856	-29	-916	-30	-30	-3,598	-3,668
(11)	Unaccounted for[3]	-1,064	-35	-16,688	-538	+239	-17,000	+1,986
(12)	Total other source	-19,530	-651	-17,698	-571	+86	-60,870	-28,533
(13)	Crude input to refineries (13) = (3) + (7) + (12)	401,294	13,376	421,695	13,603	14,570	1,670,285	1,739,762
	Natural gas plant liquids (NGPL):							
(14)	Production	48,768	1,626	48,648	1,569	1,611	196,349	187,458
(15)	Imports	304	10	315	10	11	1,590	1,755
(16)	Stock withdrawals	-1,189	-40	-775	-25	-5	-2,252	-322
(17)	Total NGPL Supply	47,883	1,596	48,188	1,554	1,617	195,687	188,891
	Other liquids:							
	Unfinished oils:							
(18)	Imports	1,884	63	1,648	53	16	9,048	3,509
(19)	Stock withdrawals	-7,570	-252	-4,582	-148	-135	-5,717	+510
(20)	Net reruns, input (plus) output (minus)	-5,686	-190	-2,934	-95	-118	+3,331	+4,019
(21)	Other hydrocarbons	1,483	49	1,570	51	34	6,582	3,901
(22)	Refinery processing gain	17,319	577	19,704	636	451	74,593	54,716
(23)	Crude used directly	425	14	465	15	14	1,810	1,810
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	13,541	451	18,805	607	380	86,316	64,446
(25)	Total production of refined products (25) = (13) + (17) + (24)	462,718	15,424	488,688	15,764	16,568	1,952,288	1,993,099
	Refined product imports:							
(26)	Imports (gross)	40,698	1,357	51,486	1,661	1,646	202,582	245,485
(27)	Exports[2]	-7,234	-241	-7,534	-243	-235	-28,418	-26,463
(28)	Imports (net)	33,464	1,115	43,952	1,418	1,411	174,164	219,022
(29)	Total new supply of products (29) = (25) + (28)	496,182	16,539	532,640	17,182	17,979	2,126,452	2,212,121
(30)	Refined products stock withdrawn	+2,309	+77	+3,009	+97	-550	+24,351	+142,047
(31)	Total products supplied for domestic use (31) = (29) + (30)	498,491	16,616	535,649	17,279	17,429	2,150,803	2,354,168
(32)	Motor gasoline	203,976	6,799	198,733	6,411	7,068	790,340	852,943
(33)	Distillate fuel oil	78,902	2,630	98,306	3,171	3,006	400,353	477,637
(34)	Residual fuel oil	73,027	2,434	82,147	2,650	2,487	333,880	385,524
(35)	Jet fuel, total	33,152	1,105	34,582	1,116	961	132,961	128,484
(36)	Liquefied gases	24,862	829	38,127	1,230	1,089	154,028	174,072
(37)	Other	84,572	2,819	83,754	2,702	2,819	339,241	335,508
(38)	Total products supplied (38) = (32) through (37)	498,491	16,616	535,649	17,279	17,429	2,150,803	2,354,168
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	379,352	---	361,742	---	319,759*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	83,867*	---	---
(41)	Unfinished oils	123,369	---	115,799	---	108,213*	---	---
(42)	Natural gasoline[4] and unfractionated stream[5]	16,557	---	15,368	---	11,445*	---	---
(43)	Refined products	755,476	---	757,785	---	646,824*	---	---
(44)	Total	1,365,945	---	1,341,885	---	1,170,108*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Form ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

* Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories are estimated: Department of Commerce data not available, except for February 1980.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

[6] Revised. See pages 28 through 57.

TABLE 2. - Comparative supply and disposition statistics

Item	April 1980		March 1980		April 1979[3]	January - April (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979[3]
Gross input to crude oil distillation units.	412,935	13,765	434,006	14,000	14,833	1,722,270	1,770,558
Isopentane:							
Production	747	25	529	17	23	2,424	3,105
Stocks at plants	500	---	270	---	59*	500	59
Used at refineries	517	17	579	19	24	2,232	3,210
Supplied for domestic use	-	-	-	-	-	-	-
Natural gasoline:							
Production	8,042	268	8,094	261	291	32,426	30,688
Stocks, total	11,630	---	10,935	---	7,524*	11,630	7,524
At refineries	818	---	715	---	883*	818	883
At plants	10,812	---	10,220	---	6,641*	10,812	6,641
Imports	-	-	-	-	-	-	-
Used at refineries	7,286	243	6,704	216	165	30,095	21,063
Supplied for domestic use	61	2	94	3	112	286	8,849
Unfractionated stream (including Plant condensate):							
Production	2,243	75	1,475	48	46	7,692	6,678
Stocks, total	4,427	---	4,163	---	3,862*	4,427	3,862
At refineries	231	---	280	---	532*	231	532
At plants	4,196	---	3,883	---	3,330*	4,196	3,330
Imports	304	10	315	10	11	1,590	1,755
Used at refineries	2,272	76	2,246	72	65	9,227	8,745
Supplied for domestic use	11	(s)	15	(s)	(s)	40	37
Finished gasoline:							
Production, total	189,541	6,318	203,524	6,565	6,815	810,762	833,885
At refineries	189,008	6,300	203,134	6,553	6,794	808,852	832,070
At gas processing plants	533	18	390	13	21	1,910	1,815
Stocks, total	274,998	---	285,831	---	237,923*	274,998	237,923
At refineries	274,703	---	285,584	---	237,664*	274,703	237,664
At plants	295	---	247	---	259*	295	259
Imports	4,552	152	4,768	154	156	18,135	19,888
Exports	15	1	6	(s)	1	51	181
Supplied for domestic use	204,911	6,830	199,737	6,443	7,103	794,188	856,600
Motor gasoline:							
Production, total	188,541	6,285	202,196	6,522	6,781	806,537	830,517
At refineries	188,050	6,268	201,869	6,512	6,765	804,862	828,987
At gas processing plants	491	16	327	11	16	1,675	1,530
Stocks, total	271,902	---	282,800	---	235,303*	271,902	235,303
At refineries	271,729	---	282,688	---	235,192*	271,729	235,192
At plants	173	---	112	---	111*	173	111
Imports	4,552	152	4,768	154	156	18,135	19,888
Exports	15	1	6	(s)	1	51	181
Supplied for domestic use	203,976	6,799	198,733	6,411	7,068	790,340	852,943
Aviation gasoline:							
Production, total	1,000	33	1,328	43	34	4,225	3,368
At refineries	958	32	1,265	41	29	3,990	3,083
At gas processing plants	42	1	63	2	5	235	285
Stocks, total	3,096	---	3,031	---	2,620*	3,096	2,620
At refineries	2,974	---	2,896	---	2,472*	2,974	2,472
At plants	122	---	135	---	148*	122	148
Imports	-	-	-	-	-	-	-
Supplied for domestic use	935	31	1,004	32	35	3,848	3,657
Jet fuel, total:							
Production	30,685	1,023	31,963	1,031	1,040	123,515	122,565
Stocks	39,339	---	38,661	---	36,217*	39,339	36,217
Imports	3,221	107	3,071	99	43	10,486	8,617
Exports	76	3	49	2	1	221	148
Supplied for domestic use	33,152	1,105	34,582	1,116	961	132,961	128,484
Naphtha-type:							
Production, total	5,492	183	5,847	189	184	22,244	20,373
At refineries	5,492	183	5,847	189	184	22,244	20,373
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	5,911	---	5,863	---	5,648*	5,911	5,648
At refineries	5,911	---	5,863	---	5,648*	5,911	5,648
At plants	-	---	-	---	-*	-	-
Imports	1,154	38	1,556	50	12	4,249	1,814
Exports	-	-	-	-	(s)	20	1
Supplied for domestic use	6,598	220	7,751	250	184	26,156	22,498
Kerosene-type:							
Production	25,193	840	26,116	842	856	101,271	102,192
Stocks	33,428	---	32,798	---	30,569*	33,428	30,569
Imports	2,067	69	1,515	49	31	6,237	6,803
Exports	76	3	49	2	1	201	147
Supplied for domestic use	26,554	885	26,831	866	777	106,805	105,986

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	April 1980		March 1980		April 1979[3]	January - April (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979[3]
Ethane (including ethylene):							
Production, total	8,462	282	8,656	279	308	35,754	35,756
At refineries	187	6	219	7	9	878	969
At gas processing plants	8,275	276	8,437	272	300	34,876	34,787
Stocks, total	3,816	---	4,350	---	6,553*	3,816	6,553
At refineries	-	---	-	---	-*	-	-
At plants	3,816	---	4,350	---	6,553*	3,816	6,553
Imports	1,919	64	1,277	41	20	6,914	4,812
Exports	-	-	-	-	-	1	-
Supplied for domestic use, total	10,915	364	9,933	320	319	44,609	40,863
Refinery ethane/ethylene	187	6	219	7	9	878	969
Plant ethane	10,728	358	9,714	313	310	43,731	39,894
Liquefied gases:							
Production, total	38,563	1,285	39,907	1,287	1,267	156,592	149,058
At refineries (L.R.G.), total	9,851	328	10,390	335	345	40,510	39,527
For fuel use	6,910	230	7,622	246	235	29,093	26,583
For chemical use	2,941	98	2,768	89	110	11,417	12,944
At gas processing plants (L.P.G.)	28,712	957	29,517	952	922	116,082	109,531
Stocks, total	96,223	---	85,988	---	92,439*	96,223	92,439
L.R.G., total	5,470	---	5,473	---	5,407*	5,470	5,407
For fuel use	5,322	---	5,318	---	5,182*	5,322	5,182
For chemical use	148	---	155	---	225*	148	225
L.P.G., total	90,753	---	80,515	---	87,032*	90,753	87,032
At refineries	3,447	---	2,666	---	2,493*	3,447	2,493
At plants	87,306	---	77,849	---	84,539*	87,306	84,539
Imports	2,251	75	5,363	173	129	19,374	21,188
Exports	573	19	700	23	13	2,963	2,154
L.P.G. used at refineries	5,144	171	6,544	211	201	27,985	30,838
Supplied for domestic use, total	24,862	829	38,127	1,230	1,089	154,028	174,072
L.R.G. for fuel use	6,906	230	7,728	249	219	29,647	28,543
L.R.G. for chemical use	2,948	98	2,796	90	111	11,393	12,988
L.P.G. for fuel and chemical use	15,008	500	27,603	890	759	112,988	132,541
Propane (including propylene):							
Production, total	21,520	717	22,450	724	719	88,555	86,194
At refineries, total	8,165	272	8,703	281	260	34,227	31,489
For fuel use	5,729	191	6,326	204	170	24,881	21,094
For chemical use	2,436	81	2,377	77	90	9,346	10,395
At gas processing plants	13,355	445	13,747	443	459	54,328	54,705
Stocks, total	51,849	---	46,432	---	61,176*	51,849	61,176
Refinery propane/propylene, total	3,696	---	3,705	---	3,048*	3,696	3,048
For fuel use	3,585	---	3,584	---	2,855*	3,585	2,855
For chemical use	111	---	121	---	193*	111	193
Plant propane, total	48,153	---	42,727	---	58,128*	48,153	58,128
At refineries	403	---	175	---	534*	403	534
At plants	47,750	---	42,552	---	57,594*	47,750	57,594
Imports	1,342	45	2,082	67	86	10,021	10,907
Exports	296	10	420	14	8	1,519	1,085
Plant propane used at refineries	448	15	449	14	12	1,676	1,463
Supplied for domestic use, total	16,701	557	25,524	823	734	107,422	119,311
Refinery propane/propylene, total	8,174	272	8,846	285	257	34,675	33,592
For fuel use	5,728	191	6,426	207	166	25,333	23,153
For chemical use	2,446	82	2,420	78	91	9,342	10,439
Plant propane	8,527	284	16,678	533	477	72,747	85,719
Butane (including butylene):							
Production, total	7,619	254	7,729	249	260	29,595	29,018
At refineries, total	1,343	45	1,281	41	61	4,791	5,498
For fuel use	933	31	1,025	33	50	3,259	3,829
For chemical use	410	14	256	8	11	1,532	1,669
At gas processing plants	6,276	209	6,448	208	199	24,804	23,520
Stocks, total	24,169	---	21,947	---	16,855*	24,169	16,855
Refinery butane/butylene, total	1,442	---	1,445	---	2,111*	1,442	2,111
For fuel use	1,429	---	1,433	---	2,091*	1,429	2,091
For chemical use	13	---	12	---	20*	13	20
Plant butane, total	22,727	---	20,502	---	14,744*	22,727	14,744
At refineries	1,851	---	1,390	---	1,256*	1,851	1,256
At plants	20,876	---	19,112	---	13,488*	20,876	13,488
Imports	816	27	3,133	101	40	7,962	6,160
Exports	277	9	280	9	5	1,444	1,069
Plant butane used at refineries	2,140	71	2,897	93	81	14,613	14,528
Supplied for domestic use, total	3,796	127	6,652	215	160	22,615	26,139
Refinery butane/butylene, total	1,346	45	1,264	41	52	4,860	5,493
For fuel use	937	31	1,011	33	41	3,334	3,825
For chemical use	409	14	253	8	11	1,526	1,668
Plant butane	2,450	82	5,388	174	107	17,755	20,646

See footnotes at end of table.

TABLE 2. Comparative supply and disposition statistics (continued)

Item	April 1980		March 1980		April 1979[3]	January - April (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979[3]
Liquefied gases (continued):							
Butane-propane mixture:							
Production, total	372	12	373	12	20	1,391	2,304
At refineries, total	269	9	279	9	17	1,010	1,918
For fuel use	248	8	271	9	15	953	1,660
For chemical use	21	1	8	(s)	2	57	258
At gas processing plants	103	3	94	3	3	381	386
Stocks, total	1,780	---	1,831	---	1,549*	1,780	1,549
Refinery butane-propane mixture, total	316	---	309	---	241*	316	241
For fuel use	308	---	301	---	236*	308	236
For chemical use	8	---	8	---	5*	8	5
Plant butane-propane mixture, total	1,464	---	1,522	---	1,308*	1,464	1,308
At refineries	9	---	7	---	14*	9	14
At plants	1,455	---	1,515	---	1,294*	1,455	1,294
Imports	93	3	148	5	3	1,391	4,121
Plant butane-propane mixture used at refineries	170	6	217	7	5	748	988
Supplied for domestic use, total	346	12	299	10	15	1,972	5,464
Refinery butane-propane mixture, total	262	9	292	9	14	1,030	1,820
For fuel use	241	8	291	9	11	980	1,565
For chemical use	21	1	1	(s)	3	50	255
Plant butane-propane mixture	84	3	7	(s)	2	942	3,644
Ethane-propane mixture:							
Production	5,831	194	6,004	194	158	24,194	19,021
Stocks	7,967	---	6,083	---	6,417*	7,967	6,417
Imports	-	-	-	-	-	-	-
Supplied for domestic use	3,947	132	5,530	178	174	21,544	25,532
Isobutane:							
Production, total	3,221	107	3,351	108	109	12,857	12,521
At refineries	74	2	127	4	6	482	622
At gas processing plants	3,147	105	3,224	104	103	12,375	11,899
Stocks, total	10,458	---	9,695	---	6,442*	10,458	6,442
Refinery isobutane	16	---	14	---	7*	16	7
Plant isobutane, total	10,442	---	9,681	---	6,435*	10,442	6,435
At refineries	1,184	---	1,094	---	689*	1,184	689
At plants	9,258	---	8,587	---	5,746*	9,258	5,746
Plant isobutane used at refineries	2,386	80	2,981	96	103	10,948	13,859
Supplied for domestic use:							
Refinery isobutane for chemical use	72	2	122	4	7	475	626
Kerosene (including range oil):							
Production, total	4,313	144	4,718	152	184	19,532	25,186
At refineries	4,309	144	4,714	152	184	19,517	25,173
At gas processing plants	4	(s)	4	(s)	(s)	15	13
Stocks, total	13,428	---	13,072	---	11,150*	13,428	11,150
At refineries	13,425	---	13,070	---	11,147*	13,425	11,147
At plants	3	---	2	---	3*	3	3
Imports	287	10	519	17	-	1,935	1,205
Exports	2	(s)	1	(s)	(s)	5	9
Supplied for domestic use	4,242	141	5,447	176	159	23,858	29,569
Distillate fuel oil:							
Production, total	73,874	2,462	79,495	2,564	2,935	327,682	354,185
At refineries	73,860	2,462	79,478	2,564	2,935	327,624	354,133
At gas processing plants	14	(s)	17	1	1	58	52
Crude used directly as distillate	48	2	46	1	2	181	181
Stocks, total	177,027	---	177,679	---	115,005*	177,027	115,005
At refineries, total	177,006	---	177,659	---	114,989*	177,006	114,989
No. 4 fuel oil	2,636	---	3,063	---	3,204*	2,636	3,204
Other	174,370	---	174,596	---	111,785*	174,370	111,785
At plants	21	---	20	---	16*	21	16
Imports	4,401	147	5,537	179	149	21,896	22,388
Exports	73	2	575	19	4	1,102	502
Supplied for domestic use	78,902	2,630	98,306	3,171	3,006	400,353	477,637
Residual fuel oil:							
Production	47,716	1,591	49,010	1,581	1,643	202,809	211,845
Crude used directly as residual	377	13	419	14	13	1,629	1,629
Stocks	85,219	---	88,269	---	81,002*	85,219	81,002
Imports	[2]23,079	769	30,091	971	1,134	120,712	163,804
Exports	1,195	40	63	2	2	1,910	956
Supplied for domestic use	73,027	2,434	82,147	2,650	2,487	333,880	385,524
Petrochemical feedstocks (excluding ethane and liquefied gases)[1]:							
Production	25,539	851	26,084	841	684	101,891	76,098
Stocks	5,909	---	6,110	---	4,048*	5,909	4,048
Imports, total	474	16	603	19	8	1,645	1,046
Naphtha-400	-	-	-	-	-	-	-
Other	474	16	603	19	8	1,645	1,046
Exports, total	987	33	679	22	23	3,300	3,517
Naphtha-400	181	6	118	4	4	761	685
Other	806	27	561	18	19	2,539	2,832
Supplied for domestic use, total	25,227	841	24,883	803	660	98,322	74,021
Still gas	1,634	54	1,341	43	44	5,921	5,078
Naphtha-400	8,302	277	8,258	266	245	33,044	25,643
Other	15,291	510	15,284	493	371	59,357	43,300

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	April 1980		March 1980		April 1979³	January - April (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979³
Special naphthas:							
Production, total	2,774	92	3,624	117	94	12,840	11,500
At refineries	2,678	89	3,539	114	90	12,365	11,146
At gas processing plants	96	3	85	3	4	475	354
Stocks, total	4,294	---	4,771	---	3,797*	4,294	3,797
At refineries	4,242	---	4,722	---	3,650*	4,242	3,650
At plants	52	---	49	---	147*	52	147
Imports	188	6	78	3	(s)	328	1,240
Exports	193	6	221	7	1	472	204
Supplied for domestic use	3,246	108	3,239	104	87	12,660	12,866
Lubricants:							
Production	5,579	186	5,575	180	198	22,126	23,052
Stocks	11,845	---	11,920	---	11,946*	11,845	11,946
Imports	245	8	165	5	6	837	1,001
Exports, total	782	26	1,068	34	20	3,060	2,557
Grease	18	1	23	1	1	71	80
Oil	764	25	1,045	34	19	2,989	2,477
Supplied for domestic use	5,117	171	5,044	163	192	20,607	21,783
Wax (1 bbl. = 280 lbs.):							
Production	520	17	534	17	18	2,058	2,181
Stocks	677	---	675	---	636*	677	636
Imports	-	-	-	-	-	-	-
Exports	52	2	36	1	2	224	228
Supplied for domestic use	466	16	471	15	18	1,888	2,076
Coke (5 bbls. = 1 short ton):							
Production, total	10,814	360	11,370	367	382	44,530	44,041
Marketable coke	6,244	208	6,512	210	213	25,108	23,474
Catalyst coke	4,570	152	4,858	157	169	19,422	20,567
Stocks	6,633	---	6,710	---	11,315*	6,633	11,315
Exports	3,258	109	4,118	133	167	15,023	15,913
Supplied for domestic use	7,633	254	6,601	213	208	28,084	27,881
Asphalt (5.5 bbls. = 1 short ton):							
Production	10,658	355	11,113	358	401	41,264	41,190
Stocks	33,786	---	31,498	---	31,765*	33,786	31,765
Imports	57	2	-	-	2	160	114
Exports	11	(s)	7	(s)	(s)	37	42
Supplied for domestic use	8,416	281	6,759	218	357	26,642	30,341
Road oil:							
Production	149	5	141	5	13	561	739
Stocks	564	---	536	---	685*	564	685
Supplied for domestic use	121	4	87	3	6	341	282
Still gas for fuel:							
Production	15,650	522	16,567	534	548	64,357	66,156
Miscellaneous products:							
Production, total	2,528	84	2,377	77	111	11,864	15,804
At refineries	2,426	81	2,277	73	107	11,473	15,369
At gas processing plants	102	3	100	3	4	391	435
Stocks, total	1,718	---	1,715	---	2,343*	1,718	2,343
At refineries	1,679	---	1,669	---	2,296*	1,679	2,296
At plants	39	---	46	---	47*	39	47
Imports	24	1	14	(s)	(s)	160	182
Exports	17	1	11	(s)	(s)	49	52
Supplied for domestic use	2,532	84	3,610	116	119	13,699	17,127
Unfinished oils (net):							
Input (plus) Output (minus)	-5,686	-190	-2,934	-95	-118	+3,331	+4,019
Stocks	123,369	---	115,799	---	108,213*	123,369	108,213
Imports	1,884	63	1,648	53	16	9,048	3,509

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

* Stock: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.

"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 923.

[3] Revised. See pages 28 through 57.

TABLE 3. - Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	April 1980		March 1980	April	January - April (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,392	113.1	115.2	4,012	14,191	15,891
New York	*71	2.4	2.3	63	280	249
Pennsylvania	*349	11.6	10.7	351	1,[illegible]76	1,304
Virginia	-	-	-	-	-	-
West Virginia	*198	6.6	3.8	201	557	779
Total	*4,010	133.7	132.0	4,627	16,304	18,223
District II:						
Illinois	1,895	63.2	63.4	1,635	7,595	6,775
Indiana	*375	12.5	11.5	348	1,429	1,349
Kansas	5,037	167.9	152.5	4,737	19,392	17,938
Kentucky	487	16.2	15.2	458	1,815	1,706
Michigan	*2,800	93.3	93.6	2,822	10,636	11,354
Missouri	*5	0.2	0.2	4	18	19
Nebraska	512	17.1	16.7	502	2,012	1,952
North Dakota	3,251	108.4	106.3	2,426	12,677	9,085
Ohio	*1,050	35.0	35.0	1,179	4,198	4,512
Oklahoma	11,852	395.1	405.5	10,617	49,002	46,234
South Dakota	66	2.2	2.1	70	255	281
Tennessee	50	1.7	1.4	43	187	167
Total	*27,380	912.7	903.4	24,841	109,216	101,372
District III:						
Alabama	1,603	53.4	60.3	1,581	7,043	6,357
Arkansas	1,533	51.1	50.7	1,568	6,151	6,277
Louisiana, total	39,558	1,318.6	1,324.8	41,073	161,045	162,442
Gulf Coast	36,822	1,227.4	1,239.0	38,545	150,271	152,246
Rest of State	2,736	91.2	85.8	2,528	10,774	10,196
Mississippi	2,915	97.2	98.0	3,180	12,656	12,797
New Mexico, total	6,300	210.0	226.7	6,498	26,223	25,860
Southeastern	5,767	192.2	203.8	5,973	23,967	23,973
Northwestern	533	17.8	22.9	525	2,256	1,887
Texas, total	81,325	2,710.8	2,721.3	84,574	327,297	339,845
District 01	1,602	53.4	53.4	1,591	6,443	6,471
District 02	4,019	134.0	135.3	4,529	16,380	17,956
District 03	10,732	357.7	348.2	10,499	41,376	42,773
District 04	2,566	85.5	86.4	2,488	10,406	10,193
District 05	910	30.3	31.6	1,019	3,730	4,141
District 06, except East Texas	4,218	140.6	142.9	4,482	17,208	18,168
East Texas	4,875	162.5	163.8	4,987	19,587	20,024
District 07B	2,375	79.2	79.8	2,354	9,421	9,365
District 07C	2,635	87.8	85.4	2,499	10,511	9,983
District 08	19,956	665.2	668.7	20,764	80,610	82,949
District 08A	23,032	767.7	779.5	24,973	94,102	100,806
District 09	2,808	93.6	93.5	2,750	11,184	10,738
District 10	1,597	53.2	52.9	1,639	6,339	6,228
Total	133,234	4,441.1	4,481.7	138,474	540,415	553,578
District IV:						
Colorado	2,438	81.3	81.5	2,758	9,835	11,006
Montana	2,477	82.6	79.7	2,391	9,969	9,383
Utah	2,040	68.0	70.2	2,265	8,345	9,062
Wyoming	*10,515	350.5	350.0	10,962	41,986	43,368
Total	*17,470	582.3	581.3	18,376	70,135	72,819
District V:						
Alaska[2]	49 482	1,649.4	1,647.4	40,397	198,492	159,767
Arizona	32	1.1	1.2	39	150	154
California, total	28,960	965.3	961.7	29,127	115,915	115,913
South	6,919	230.6	230.4	7,362	27,865	29,665
Central Coastal	4,565	152.2	162.1	4,996	19,456	20,036
East Central	17,459	582.0	568.7	16,748	68,527	66,128
North	17	0.6	0.5	21	67	84
Nevada	81	2.7	2.9	105	355	397
Total	78,555	2,618.5	2,613.2	69,668	314,912	276,231
** United States, total	*260,649	8,688.3	8,711.7	255,986	1,050,982	1,022,223
Pennsylvania Grade (included above)	*1,311	43.7	39.9	1,405	4,894	5,358

Sources: ERA-182, the U.S. Geological Survey, and State Conservation Agencies.

[1] Includes offshore production.

[2] North Slope Production: Current month, 46,749; Year-to-date, 186,648.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

** United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State[1]

(Thousands of barrels)

State	April 1980		March 1980	April 1979	January - April (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Alaska[2]	2,733	91.1	90.6	3,275	11,157	13,677
California, total	3,875	129.2	138.7	4,381	17,390	17,559
Federal	797	26.6	27.9	889	3,388	3,685
State	3,078	102.6	110.9	3,492	14,002	13,874
Louisiana, total	24,159	805.3	809.5	24,472	98,251	96,114
Federal	21,874	729.1	732.5	21,916	88,964	86,028
State	2,285	76.2	77.1	2,556	9,287	10,086
Texas, total	1,012	33.7	27.9	444	3,262	1,692
Federal	845	28.2	21.5	228	2,506	822
State	167	5.6	6.5	216	756	870
*United States, total	31,779	1,059.3	1,066.8	32,572	130,060	129,042

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundaries.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

TABLE 4. - Production of lease condensate by State [1]

(Thousands of barrels)

State	April 1980		March 1980	April	January - April (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alabama	872	29.1	33.9	714	3,870	2,743
California	17	0.6	0.6	18	72	75
Louisiana	6,264	208.8	212.7	6,175	25,698	24,928
Mississippi	90	3.0	3.0	122	483	489
New Mexico	472	15.7	14.9	419	1,893	1,553
Oklahoma	497	16.6	19.3	466	2,267	1,929
Texas	3,062	102.1	108.8	2,906	12,989	11,750
Total	11,274	375.8	393.3	10,820	47,272	43,467

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

Supply and Disposition	April 1980		March 1980	April	January - April (Incl.)	
	Total	Daily Av.	Daily Av.	1979[2]	1980	1979[2]
Supply:						
Production	260,649	8,688	8,712	255,986	1,050,982	1,022,223
Imports	166,663	5,555	5,785	186,339	715,287	778,880
Total new supply	427,312	14,244	14,497	442,325	1,766,269	1,801,103
Stock changes:						
Domestic crude	+6,039	+201	-93	+2,831	+28,385	+12,407
Foreign crude	+11,571	+386	+96	+862	+11,887	+14,444
Unaccounted for [1]	-1,064	-35	-538	+7,163	-17,000	+1,986
Disposition by use, total	408,638	13,621	13,955	445,795	1,708,997	1,776,238
Refinery inputs, domestic crude	245,373	8,179	7,997	252,746	970,752	978,834
Refinery inputs, foreign crude	155,921	5,197	5,606	184,367	699,533	760,928
Exports	6,488	216	323	7,790	35,114	32,808
Transfers	425	14	15	425	1,810	1,810
Losses	431	14	15	467	1,788	1,858

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 594 and EM 522; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[2] Revised. See page 30.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	April 1980		March 1980	April	January - April (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	2,766	92.2	106.7	4,900	12,830	17,320
New York	73	2.4	2.0	63	269	249
Pennsylvania	318	10.6	9.1	357	1,072	1,282
Virginia	-	-	-	-	-	-
West Virginia	155	5.2	1.6	173	552	727
Total	3,312	110.4	119.5	5,493	14,723	19,578
District II:						
Illinois	1,533	51.1	69.2	1,337	7,347	7,114
Indiana	345	11.5	13.2	339	1,418	1,428
Kansas	5,137	171.2	167.3	4,750	18,330	17,768
Kentucky	1,196	39.9	0.3	494	1,887	1,808
Michigan	2,715	90.5	96.2	2,875	10,543	11,429
Missouri	5	0.2	0.2	4	18	19
Nebraska	339	11.3	24.3	372	1,953	1,989
North Dakota	3,268	108.9	114.1	2,712	12,536	8,968
Ohio	956	31.9	62.2	1,097	4,606	4,245
Oklahoma	11,683	389.4	378.7	12,019	48,697	47,496
South Dakota	66	2.2	2.1	71	256	281
Tennessee	62	2.1	1.2	46	186	169
Total	27,305	910.2	928.7	26,116	107,777	102,714
District III:						
Alabama	1,912	63.7	46.4	1,533	7,018	6,236
Arkansas	1,335	44.5	48.9	1,602	6,004	6,305
Louisiana	38,781	1,292.7	1,305.2	41,775	158,776	162,102
Mississippi	2,687	89.6	101.6	3,151	11,389	12,722
New Mexico	6,267	208.9	224.2	5,794	25,149	25,437
Texas	78,858	2,628.6	2,778.3	82,444	320,169	331,036
Total	129,840	4,328.0	4,504.6	136,299	528,505	543,838
District IV:						
Colorado	2,485	82.8	70.2	2,615	9,739	10,828
Montana	2,411	80.4	86.5	2,136	9,668	9,022
Utah	1,978	65.9	69.6	2,148	8,202	8,910
Wyoming	9,398	313.3	286.8	9,782	38,466	40,500
Total	16,272	542.4	513.0	16,681	66,075	69,260
District V:						
Alaska	48,433	1,614.3	1,822.5	38,353	191,859	158,587
Arizona	32	1.1	1.2	39	150	154
California	29,325	977.5	912.5	30,079	113,166	115,290
Nevada	91	3.0	2.5	95	342	395
Total	77,881	2,596.0	2,738.7	68,566	305,517	274,426
*United States:						
Domestic crude	254,610	8,487.0	8,804.5	253,155	1,022,597	1,009,816
Foreign crude	155,092	5,169.7	5,689.4	185,477	703,400	764,436
Total	409,702	13,656.7	14,493.8	438,632	1,725,997	1,774,252
Pennsylvania Grade (included above)	1,138	37.9	[1]37.2	1,353	4,399	5,135

Sources: Forms ERA-60, EIA-87, and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Daily Average columns may not add due to independent rounding.

[1] Revised.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	April 30, 1980	March 31, 1980	April 30, 1980				March 31, 1980
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland....................	-	-	1,983	-	-	1,983	2,272
Florida, Georgia, NC, VA, W. VA.......	3,668	2,999	1,831	737	50	2,618	2,969
New Hampshire, New York, Rhode Island.	15	17	1,026	1,437	-	2,463	1,871
New Jersey............................	-	-	7,284	-	-	7,284	7,874
Pennsylvania..........................	673	642	7,326	1,344	24	8,694	7,016
Total.............................	4,356	3,658	19,450	3,518	74	23,042	22,002
District II:							
Illinois..............................	2,339	1,977	5,756	17,392	81	23,229	23,321
Indiana...............................	466	436	1,503	3,276	1	4,780	4,387
Iowa, Missouri, Nebraska..............	544	371	325	8,436	27	8,788	8,461
Kansas................................	5,288	5,388	2,934	7,920	225	11,079	11,529
Kentucky, Tennessee...................	176	897	1,516	3,966	10	5,492	5,372
Michigan..............................	2,665	2,580	1,170	2,024	125	3,319	3,014
Minnesota, Wisconsin..................	-	-	2,816	2,587	-	5,403	5,326
North Dakota, South Dakota............	2,064	2,081	267	1,037	112	1,416	1,405
Ohio..................................	1,688	1,594	2,547	3,199	95	5,841	6,100
Oklahoma..............................	15,519	15,350	2,046	25,269	697	28,012	26,314
Total.............................	30,749	30,674	20,880	75,106	1,373	97,359	95,229
District III:							
Alabama...............................	409	718	1,139	1,093	39	2,271	2,304
Arkansas..............................	1,079	881	268	1,535	59	1,862	1,594
Louisiana.............................	27,883	27,106	19,573	74,913	2,026	96,512	90,790
Mississippi...........................	3,234	3,006	2,668	4,896	168	7,732	8,055
New Mexico............................	9,097	9,064	662	3,222	1,539	5,423	5,222
Texas.................................	103,227	100,760	35,051	105,578	11,185	151,814	144,303
Total.............................	144,929	141,535	59,361	[1]191,237	15,016	[2]265,614	252,268
District IV:							
Colorado..............................	1,848	1,895	360	809	162	1,331	1,365
Montana...............................	3,297	3,231	1,104	1,697	398	3,199	2,809
Utah..................................	1,399	1,337	801	959	293	2,053	2,121
Wyoming...............................	22,165	21,048	1,455	10,377	412	12,244	11,673
Total.............................	28,709	27,511	3,720	13,842	1,265	18,827	17,968
District V:							
California............................	23,666	24,031	24,104	15,805	1,430	41,339	38,901
Other States[3].......................	42,247	41,208	8,292	16,024	46	24,362	26,565
Total.............................	65,913	65,239	32,396	31,829	1,476	65,701	65,466
*United States:							
Domestic crude........................	[4]274,656	268,617	74,211	181,241	19,204	274,656	268,617
Foreign crude.........................	195,887	184,316	61,596	134,291	-	[5]195,887	184,316
Total.............................	470,543	452,933	135,807	315,532	19,204	470,543	452,933

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 160,049 located in Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 2,144 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 16,527; District II, 25,965; District III, 143,365; District IV, 799; District V, 9,231.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: April 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast................................	43.5	0.2	0.4	22.9	15.1	5.3	12.6
Appalachian # 1...........................	40.7	0.8	1.9	24.7	8.0	2.5	21.4
Appalachian # 2...........................	53.0	0.3	1.8	21.7	6.3	-	16.9
Indiana, Illinois, etc....................	54.1	0.5	0.8	20.5	6.6	6.5	11.0
Minnesota, Wisconsin, etc.................	50.7	-	0.2	27.3	4.9	4.0	12.9
Oklahoma, Kansas, etc.....................	53.6	1.2	0.4	22.9	3.7	5.8	12.4
Texas Inland..............................	42.3	1.0	0.2	22.1	7.9	8.5	18.0
Texas Gulf................................	37.6	1.2	2.2	15.0	11.0	6.4	26.6
Louisiana Gulf............................	42.1	0.4	1.6	18.4	11.4	10.5	15.6
Arkansas, Louisiana Inland, etc...........	21.6	6.1	-	29.0	10.4	2.9	30.0
New Mexico................................	31.9	-	2.9	26.4	14.7	13.6	10.5
Rocky Mountain............................	44.3	-	0.2	30.4	8.1	6.9	10.1
West Coast................................	41.6	0.3	0.3	13.1	22.8	11.2	10.7
*U.S. Totals:							
April 1980....	43.5	0.7	1.1	18.7	12.1	7.7	16.2
March 1980....	44.3	0.8	1.1	19.0	11.7	7.6	15.5
April 1979....	42.7	0.6	1.3	20.6	11.6	7.4	15.8

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: April 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United States *
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	38,529	4,713	43,242	1,514	59,320	7,045	26,820	94,699	12,940	94,052	64,924	5,245	2,716	179,877	12,967	70,509	401,294
Domestic	3,742	2,863	6,605	645	33,056	2,983	22,771	59,455	11,814	53,155	40,132	4,370	2,641	112,112	11,538	55,663	245,373
Foreign	34,787	1,850	36,637	869	[1]26,264	4,062	4,049	[1]35,244	1,126	40,897	24,792	875	75	67,765	1,429	14,846	[1]155,921
Unfinished oils rerun (net)	+587	-87	+500	+18	-1,442	-64	-444	-1,932	-141	-1,605	-944	-345	-193	-3,228	+407	-1,433	-5,686
Total crude and unfin. rerun	39,116	4,626	43,742	1,532	57,878	6,981	26,376	92,767	12,799	92,447	63,980	4,900	2,523	176,649	13,374	69,076	395,608
Natural gas liquids, total	5	14	19	128	1,826	260	1,583	3,797	632	6,746	2,102	503	104	10,087	389	927	15,219
L.P.G.	5	10	15	128	1,182	201	785	2,296	280	740	1,024	56	13	2,113	221	499	5,144
Natural gasoline	-	2	2	-	568	59	755	1,382	310	4,430	972	138	88	5,938	99	382	7,803
Unfractionated stream	-	2	2	-	76	-	43	119	42	1,576	106	309	3	2,036	69	46	2,272
Other hydrocarbons	49	22	71	-	39	-	24	63	41	643	395	-	2	1,081	-	268	1,483
Output																	
Gasoline, total	17,071	1,918	18,989	940	33,189	3,802	15,743	53,674	6,091	42,153	29,418	1,559	911	80,132	6,317	29,896	189,008
Motor gasoline	17,068	1,918	18,986	940	33,016	3,802	15,717	53,475	6,079	41,812	29,311	1,559	911	79,672	6,289	29,628	188,050
Aviation gasoline	3	-	3	-	173	-	26	199	12	341	107	-	-	460	28	268	958
Jet fuel, total	2,071	116	2,187	-	3,731	279	1,535	5,545	1,087	5,949	6,742	140	344	14,262	921	7,770	30,685
Naphtha-type	650	48	698	-	436	58	548	1,042	554	581	503	121	317	2,076	381	1,295	5,492
Kerosene-type	1,421	68	1,489	-	3,295	221	987	4,503	533	5,368	6,239	19	27	12,186	540	6,475	25,193
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	122	41	-	-	163	-	24	187
L.R.G., total	1,279	150	1,429	32	1,487	170	623	2,312	378	2,819	1,320	83	44	4,644	143	1,323	9,851
For fuel use	836	150	986	-	1,178	170	591	1,939	351	1,289	998	57	43	2,738	141	1,106	6,910
For chemical use	443	-	443	32	309	-	32	373	27	1,530	322	26	1	1,906	2	217	2,941
Kerosene	152	86	238	27	456	17	94	594	25	2,070	1,047	1	73	3,216	31	230	4,309
Distillate fuel oil	8,962	1,143	10,105	332	11,887	1,903	6,029	20,151	2,828	13,838	11,765	1,423	666	30,520	4,068	9,016	73,860
Residual fuel oil	5,917	371	6,288	97	3,808	342	968	5,215	1,005	10,192	7,312	512	370	19,391	1,079	15,743	47,716
Petrochemical feedstocks, total	553	16	569	-	1,115	-	117	1,232	427	17,932	4,553	99	-	23,011	7	720	25,539
Still gas	79	16	95	-	99	-	-	99	2	1,234	152	-	-	1,388	-	52	1,634
Naphtha-400°	348	-	348	-	130	-	101	231	198	7,038	869	46	-	8,151	7	213	8,950
Other	126	-	126	-	886	-	16	902	227	9,660	3,532	53	-	13,472	-	455	14,955
Special naphthas	59	37	96	4	293	-	329	626	123	1,074	248	298	-	1,743	6	207	2,678
Lube oil, total	480	432	912	-	447	-	451	898	9	2,304	799	111	-	3,223	34	512	5,579
Bright stock	71	189	260	-	18	-	41	59	-	119	60	-	-	179	-	48	546
Neutral	216	219	435	-	293	-	306	599	-	834	574	60	-	1,468	34	339	2,875
Other grades	193	24	217	-	136	-	104	240	9	1,351	165	51	-	1,576	-	125	2,158
Wax	2	49	51	-	12	-	31	43	15	166	108	45	-	334	7	85	[2]520
Coke	1,037	31	1,068	19	1,968	257	971	3,215	197	2,140	1,442	63	18	3,860	255	2,416	10,814
Asphalt	1,723	113	1,836	111	1,665	410	975	3,161	586	641	757	855	103	2,942	672	2,047	10,658
Road oil	-	-	-	-	83	-	4	87	-	-	-	1	-	1	12	49	149
Still gas for fuel	1,433	139	1,572	-	2,549	84	1,253	3,886	370	4,266	2,225	159	55	7,075	451	2,666	15,650
Miscellaneous	120	51	171	1	307	14	59	381	299	703	553	27	-	1,582	20	272	2,426
Processing gain (-) or loss (+)	-1,689	+10	-1,679	+97	-3,254	-37	-1,199	-4,393	+32	-6,533	-1,853	+27	+45	-8,282	-260	-2,705	-17,319
Crude oil distillation units:																	
Gross input (1,000 b/d)[3]	1,311	157	1,468	50	2,010	240	911	3,211	449	3,301	2,226	189	93	6,258	437	2,390	13,765
Capacity (1,000 b/d)[4]	1,331	207	2,038	66	2,782	323	1,132	4,303	601	4,533	2,643	268	130	8,175	607	3,104	18,227
Operating ratio[5]	71.6	75.8	72.0	75.8	72.3	74.3	80.5	74.6	74.7	72.8	84.2	70.5	71.5	76.6	72.0	77.0	75.5

Source: Form EIA-87.

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[1] Includes some Athabasca hydrocarbons.
[2] Includes: microcrystalline, 109; crystalline-fully refined, 264; and crystalline-other, 147.
[3] Includes crude oil, products of natural gas processing plants, and other oils charged to distillation units during the month.
[4] Represents operable capacity at the beginning of the month.
[5] Represents gross input divided by capacity.
*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

Note: Input item "Unfractionated stream" includes Plant condensate.

Item	P.A.D. District 1			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	
	East Coast	Appa-lachian # 1	Total	Appa-lachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States*
Motor gasoline, total	68,857	5,916	74,773	3,467	47,105	9,715	22,937	83,224	8,474	33,089	19,962	13,211	996	75,732	9,427	28,573	271,729
Refinery	11,160	1,155	12,315	113	18,213	2,796	8,728	29,850	3,562	20,031	12,655	1,812	517	38,577	6,140	15,661	102,543
Bulk terminal	42,968	3,832	46,800	2,398	22,268	5,116	6,047	35,829	2,459	7,073	1,897	2,649	378	14,456	1,865	10,412	109,362
Pipeline	14,729	929	15,658	956	6,624	1,803	8,162	17,545	2,453	5,985	5,410	8,750	101	22,699	1,422	2,500	59,824
Aviation gasoline, total	473	63	536	-	572	87	107	766	98	542	368	6	32	1,046	38	588	2,974
Refinery	30	-	30	-	299	-	30	329	12	530	355	-	-	897	27	256	1,539
Bulk terminal	443	63	506	-	238	77	58	373	65	6	13	6	32	122	2	332	1,335
Pipeline	-	-	-	-	35	10	19	64	21	6	-	-	-	27	9	-	100
Naphtha-type jet fuel, total	609	86	695	12	508	127	756	1,403	418	503	410	218	400	1,949	337	1,527	5,911
Refinery	225	86	311	-	416	55	545	1,016	264	383	398	115	196	1,356	251	959	3,893
Bulk terminal	25	-	25	9	82	42	188	321	120	120	-	39	48	327	18	201	892
Pipeline	359	-	359	3	10	30	23	66	34	-	12	64	156	266	68	367	1,126
Kerosene-type jet fuel, total	7,925	237	8,162	165	5,136	965	2,571	8,837	1,023	3,797	2,420	1,542	55	8,837	651	6,941	33,428
Refinery	1,185	69	1,254	-	1,727	61	310	2,098	207	1,735	1,999	15	15	3,971	288	3,413	11,024
Bulk terminal	4,612	127	4,739	36	2,369	666	608	3,679	194	985	112	76	22	1,389	193	2,798	12,798
Pipeline	2,128	41	2,169	129	1,040	238	1,653	3,060	622	1,077	309	1,451	18	3,477	170	730	9,606
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	786	7	793	2	1,070	43	679	1,794	273	598	929	13	11	1,824	187	872	5,470
For fuel use	758	7	765	-	997	43	677	1,717	271	570	922	12	11	1,786	182	872	5,322
For chemical use	28	-	28	2	73	-	2	77	2	28	7	1	-	38	5	-	148
Kerosene, total	5,433	624	6,057	341	2,402	138	407	3,288	82	2,000	1,185	447	67	3,781	97	202	13,425
Refinery	161	199	360	45	811	47	318	1,221	21	1,470	964	19	66	2,540	44	108	4,273
Bulk terminal	4,934	416	5,350	240	1,310	87	51	1,688	21	396	29	25	1	472	53	94	7,657
Pipeline	338	9	347	56	281	4	38	379	40	134	192	403	-	769	-	-	1,495
Distillate fuel oil, total	67,562	3,815	71,377	2,499	26,514	8,416	18,236	55,665	3,022	15,208	8,324	6,223	504	33,281	3,904	12,779	[2]177,006
Refinery	7,341	810	8,151	70	8,971	2,034	6,521	17,596	1,097	9,903	5,331	991	326	17,648	2,384	5,638	51,417
Bulk terminal	53,934	2,782	56,716	1,741	14,589	5,080	6,439	27,849	1,326	3,457	1,421	1,055	89	7,348	860	5,804	98,577
Pipeline	6,287	223	6,510	688	2,954	1,302	5,276	10,220	599	1,848	1,572	4,177	89	8,285	660	1,337	27,012
Residual fuel oil, total	42,916	852	43,768	402	7,101	1,273	1,953	10,729	506	9,100	6,626	727	276	17,235	944	12,543	[4]85,219
Refinery	4,627	417	5,044	29	4,371	807	965	6,172	506	6,541	3,262	426	276	11,011	944	9,201	32,372
Bulk terminal	38,289	435	38,724	373	2,730	466	988	4,557	-	2,559	3,364	301	-	6,224	-	3,342	[4]52,847
Petrochemical feedstocks, total	158	-	158	-	730	1	66	797	319	3,199	1,040	35	-	4,593	4	357	5,909
Naphtha-400°	156	-	156	-	428	1	37	466	149	1,473	661	13	-	2,296	4	248	3,170
Other	2	-	2	-	302	-	29	331	170	1,726	379	22	-	2,297	-	109	2,739
Special naphthas, total	1,029	73	1,102	140	670	68	205	1,083	45	1,344	121	157	-	1,667	3	387	4,242
Refinery	63	37	100	2	225	-	205	432	44	1,344	116	157	-	1,661	3	317	2,513
Bulk terminal	966	36	1,002	138	445	68	-	651	1	-	5	-	-	6	-	70	1,729
Lube oil, total	2,776	1,140	3,916	18	1,201	36	618	1,873	37	3,123	1,335	192	12	4,699	66	1,291	[1]11,845
Bright stock	175	379	554	-	40	-	56	96	-	170	63	-	-	233	6	46	935
Neutral	714	557	1,271	-	483	-	382	865	-	1,020	812	55	-	1,887	52	493	4,568
Other grades	1,887	204	2,091	18	678	36	180	912	37	1,933	460	137	12	2,579	8	752	6,342
Wax	13	99	112	-	24	-	32	56	20	306	147	2	-	475	1	33	[3]677
Coke	1,192	-	1,192	-	1,602	501	565	2,668	5	464	322	49	-	840	396	1,537	6,633
Asphalt	6,063	1,017	7,080	1,250	7,883	3,622	2,315	15,070	824	564	1,473	1,449	430	4,740	3,334	3,562	[1]33,786
Road oil	-	-	-	-	523	-	4	527	-	-	-	2	-	2	8	27	564
Miscellaneous	167	42	209	-	433	13	139	585	59	370	305	49	-	783	-	102	[1]1,679
Unfinished oils	13,515	1,538	15,053	96	17,651	471	6,289	24,507	3,550	28,823	17,398	1,123	246	51,140	2,924	29,745	123,369
Refined products, total	219,474	15,509	234,983	8,392	121,125	25,476	57,879	212,872	18,755	103,030	62,365	25,445	3,029	212,624	22,321	101,066	783,866

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,526 ; Asphalt, 8,206 ; and Miscellaneous 265.

[2] Includes No. 4 fuel oil: P.A.D. District I, 1,669; District II, 174; District III, 388; District IV, 1; District V, 404.

[3] Includes microcrystalline, 99 ; crystalline-fully refined, 308 ; and crystalline-other, 270.

[4] Includes pipeline stocks: P.A.D. District V, 76.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.) 1980	January - April (Incl.) 1979
Turned into lines:					
Gasoline, total...........	174,354	178,565	179,306	716,356	733,295
Motor....................	174,000	178,228	179,035	715,345	732,132
Aviation.................	354	337	271	1,011	1,163
Jet fuel, total...........	31,468	33,966	33,517	128,120	131,265
Naphtha-type............	3,434	3,824	3,405	13,910	14,042
Kerosene-type...........	28,034	30,142	30,112	114,210	117,223
Kerosene..................	1,833	2,690	1,676	10,926	13,536
Distillate fuel oil........	58,071	59,575	62,859	265,028	286,937
Residual fuel oil..........	122	240	96	801	410
Natural gas liquids........	50,489	55,973	54,983	210,095	219,912
Other products............	1,048	982	30	3,632	47
Delivered from lines:					
Gasoline, total...........	175,360	173,709	181,085	709,359	735,033
Motor....................	175,009	173,487	180,778	708,457	733,945
Aviation.................	351	222	307	902	1,088
Jet fuel, total...........	31,760	31,987	32,361	126,419	126,740
Naphtha-type............	3,501	3,807	3,473	13,903	13,924
Kerosene-type...........	28,259	28,180	28,888	112,516	112,816
Kerosene..................	1,860	2,655	1,915	11,023	13,876
Distillate fuel oil........	61,960	60,992	63,358	273,680	299,910
Residual fuel oil..........	98	236	96	736	410
Natural gas liquids........	48,907	55,270	52,995	216,701	225,807
Other products............	943	1,031	30	3,619	47
Shortage (or overage):					
Gasoline, total...........	(460)	(340)	(548)	(650)	(1,917)
Motor....................	(474)	(386)	(548)	(692)	(1,929)
Aviation.................	14	46	-	42	12
Jet fuel, total...........	39	322	376	1,244	1,459
Naphtha-type............	(23)	29	(5)	(32)	9
Kerosene-type...........	62	293	381	1,276	1,450
Kerosene..................	41	303	82	387	399
Distillate fuel oil........	(465)	(253)	80	(1,166)	(1,826)
Residual fuel oil..........	-	(3)	-	2	-
Natural gas liquids........	68	693	96	828	973
Other products............	-	1	-	-	-
Stocks in lines and working tanks at end of month:					
Gasoline, total...........	59,924	60,470	51,560	59,924	51,560
Motor....................	59,824	60,359	51,477	59,824	51,477
Aviation.................	100	111	83	100	83
Jet fuel, total...........	10,732	11,063	10,093	10,732	10,093
Naphtha-type............	1,126	1,170	1,213	1,126	1,213
Kerosene-type...........	9,606	9,893	8,880	9,606	8,880
Kerosene..................	1,495	1,563	909	1,495	909
Distillate fuel oil........	27,012	30,436	21,349	27,012	21,349
Residual fuel oil..........	76	52	-	76	-
Natural gas liquids........	28,309	26,795	34,563	28,309	34,563
Other products............	174	69	-	174	-

Source: Form EIA-89.

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. Districts

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
From District 1 to District 2:					
Gasoline, total	4,753	3,655	4,575	17,215	18,183
Motor	4,749	3,649	4,569	17,200	18,159
Aviation	4	6	6	15	24
Jet fuel, total	208	222	242	778	1,130
Naphtha-type	-	-	-	-	-
Kerosene-type	208	222	242	778	1,130
Kerosene	42	42	5	185	169
Distillate fuel oil	1,412	1,290	1,369	5,360	5,716
From District 2 to District 1:					
Gasoline, total	702	878	878	3,648	3,365
Motor	702	878	878	3,648	3,365
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	13	54	94
Distillate fuel oil	154	296	190	821	981
Natural gas liquids	930	573	954	4,911	3,073
From District 2 to District 3:					
Gasoline, total	1,698	1,592	1,414	6,711	5,690
Motor	1,698	1,592	1,414	6,711	5,690
Jet fuel, total	95	106	56	385	212
Naphtha-type	30	60	56	209	212
Kerosene-type	65	46	-	176	-
Distillate fuel oil	495	241	390	1,330	1,399
Natural gas liquids	2,273	2,050	1,803	8,343	7,001
From District 2 to District 4:					
Gasoline, total	1,460	1,388	1,447	5,766	6,436
Motor	1,446	1,370	1,435	5,715	6,361
Aviation	14	18	12	51	75
Jet fuel, total	439	378	407	1,379	1,754
Kerosene-type	439	378	407	1,379	1,754
Kerosene	-	-	-	-	-
Distillate fuel oil	189	209	412	802	1,290
Natural gas liquids	152	174	114	795	744
From District 3 to District 1:					
Gasoline, total	38,142	33,149	36,987	148,505	143,783
Motor	38,121	33,130	36,961	148,447	143,694
Aviation	21	19	26	58	89
Jet fuel, total	5,850	4,718	5,917	21,193	22,423
Naphtha-type	206	131	123	578	480
Kerosene-type	5,644	4,587	5,794	20,615	21,943
Kerosene	369	858	567	3,713	4,567
Distillate fuel oil	16,443	14,913	15,336	68,605	71,341
Natural gas liquids	778	1,549	761	7,187	7,868
From District 3 to District 2:					
Gasoline, total	5,185	5,176	6,071	18,605	25,711
Motor	5,137	5,134	5,974	18,460	25,327
Aviation	48	42	97	145	384
Jet fuel, total	1,039	893	1,649	4,782	4,810
Naphtha-type	-	1	-	2	2
Kerosene-type	1,039	892	1,649	4,780	4,808
Kerosene	35	138	151	301	796
Distillate fuel oil	1,896	815	1,948	5,923	8,476
Natural gas liquids	5,489	6,430	6,909	22,108	34,596
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	804	864	864	3,472	3,596
Motor	804	864	864	3,472	3,596
Jet fuel, total	233	194	239	868	893
Naphtha-type	100	84	134	441	522
Kerosene-type	133	110	105	427	371
Distillate fuel oil	341	385	323	1,385	1,354
From District 4 to District 2:					
Gasoline, total	366	427	279	1,585	1,745
Motor	366	427	279	1,585	1,745
Jet fuel, total	23	11	31	80	129
Naphtha-type	17	-	25	49	98
Kerosene-type	6	11	6	31	31
Kerosene	-	-	-	-	-
Distillate fuel oil	220	416	151	1,214	1,162
Natural gas liquids	466	431	410	1,675	1,245
From District 4 to District 3:					
Natural gas liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	903	647	757	3,066	3,193
Motor	903	647	757	3,066	3,193
Jet fuel, total	145	91	172	519	646
Naphtha-type	68	68	98	303	359
Kerosene-type	77	23	74	216	287
Distillate fuel oil	264	219	245	867	791

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	April 1980	March 1980	February 1980	January 1980	January - April (Incl.) 1980
District I to District II:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	13	9	17	6	45
Gasoline, total	1,654	1,800	1,664	1,783	6,901
Motor	1,654	1,800	1,664	1,783	6,901
Aviation	-	-	-	-	-
Special naphthas	-	-	-	8	8
Jet fuel, total	226	236	240	291	993
Naphtha-type	97	81	90	126	394
Kerosene-type	129	155	150	165	599
Kerosene	39	65	25	87	216
Distillate fuel oil	594	745	532	661	2,532
Residual fuel oil	-	-	-	20	20
Lubricating oil	-	13	8	8	29
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	79	18	-	60	157
Other products	-	-	-	-	-
Total	2,605	2,886	2,486	2,924	10,901
District I to District III:[1]					
Crude oil	-	367	782	562	1,711
Unfinished oils	53	402	17	234	706
Gasoline, total	48	20	79	-	147
Motor	48	20	79	-	147
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	18	200	218
Residual fuel oil	57	37	-	-	94
Lubricating oil	141	153	69	120	483
Wax	-	-	10	-	10
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	80	-	28	26	134
Other products	30	5	26	-	61
Total	409	984	1,029	1,142	3,564
District II to District I:[1]					
Crude oil	83	148	104	83	418
Unfinished oils	-	-	-	12	12
Gasoline, total	92	158	258	227	735
Motor	92	158	258	227	735
Aviation	-	-	-	-	-
Special naphthas	-	-	-	25	25
Jet fuel, total	103	70	43	-	216
Naphtha-type	-	-	-	-	-
Kerosene-type	103	70	43	-	216
Kerosene	-	-	-	-	-
Distillate fuel oil	85	83	87	117	372
Residual fuel oil	134	120	53	111	418
Lubricating oil	18	-	26	50	94
Wax	-	16	-	-	16
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	16	9	-	17	42
Other products	-	-	-	-	-
Total	531	604	571	642	2,348
District II to District III:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	96	71	278	445
Gasoline, total	360	320	131	52	863
Motor	328	320	131	52	831
Aviation	32	-	-	-	32
Special naphthas	-	-	-	-	-
Jet fuel, total	-	34	-	-	34
Naphtha-type	-	-	-	-	-
Kerosene-type	-	34	-	-	34
Kerosene	-	-	-	-	-
Distillate fuel oil	394	222	36	489	1,141
Residual fuel oil	1,047	922	617	287	2,873
Lubricating oil	-	-	43	10	53
Wax	-	-	-	9	9
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	97	55	101	9	262
Other products	-	62	38	270	370
Total	1,898	1,711	1,037	1,404	6,050

Continued on next page.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products (continued)

(Thousanda of barrels)

Item	April	March	April	January - April (Incl.)	
	1980	1980	1979	1980	1979
District III to District I:[2]					
Crude oil	680	261	770	1,734	2,300
Unfinished oils	365	507	174	1,572	1,507
Gasoline, total	13,359	13,953	17,120	52,121	67,588
Motor	13,132	13,661	16,812	51,159	66,773
Aviation	227	292	308	962	815
Special naphthas	528	340	519	1,602	1,796
Jet fuel, total	4,831	3,926	4,106	17,381	14,463
Naphtha-type	722	847	444	2,557	1,842
Kerosene-type	4,109	3,079	3,662	14,824	12,621
Kerosene	168	501	470	1,534	2,479
Distillate fuel oil	5,434	5,197	6,992	24,401	34,931
Residual fuel oil	7,166	9,121	5,319	28,457	16,978
Lubricating oil	1,714	1,016	829	4,506	3,287
Wax	22	16	22	83	73
Asphalt and road oil	226	369	453	1,427	1,198
Liquefied gases	15	15	-	30	385
Petrochemical feedstocks	80	297	171	709	578
Other products	301	282	132	2,346	2,928
Total	34,889	35,801	37,077	137,903	150,491
District III to District II:					
Crude oil	1,130	1,314	327	5,722	1,494
Unfinished oils	20	207	-	227	21
Gasoline, total	1,197	1,694	1,724	5,659	6,105
Motor	1,160	1,555	1,686	5,414	5,977
Aviation	37	139	38	245	128
Special naphthas	195	149	115	601	570
Jet fuel, total	162	203	262	640	1,217
Naphtha-type	-	-	-	-	-
Kerosene-type	162	203	262	640	1,217
Kerosene	131	65	52	285	252
Distillate fuel oil	417	449	449	1,448	2,520
Residual fuel oil	750	794	444	2,622	2,716
Lubricating oil	335	288	369	1,230	872
Wax	-	-	-	-	-
Asphalt and road oil	281	184	317	867	1,108
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	79	44	112	247	312
Other products	14	74	-	155	35
Total	4,711	5,465	4,171	19,703	17,429
District III to District V:					
Crude oil	-	-	-	-	-
Unfinished oils	202	-	200	701	200
Gasoline, total	-	-	248	-	314
Motor	-	-	248	-	295
Aviation	-	-	-	-	19
Special naphthas	-	10	-	10	-
Jet fuel, total	487	-	-	718	555
Naphtha-type	487	-	-	487	-
Kerosene-type	-	-	-	231	555
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	34	614
Residual fuel oil	-	154	-	256	-
Lubricating oil	230	76	55	642	378
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	-	-	-	-	19
Total	919	240	503	2,361	2,080
District V to District I:					
Crude oil	3,027	2,677	1,743	10,302	3,569
Gasoline, total	-	251	-	251	-
Motor	-	251	-	251	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	-	-	20	-
Residual fuel oil	-	-	-	152	-
Lubricating oil	-	30	-	30	-
Other products	-	1	-	1	-
Total	3,027	2,959	1,743	10,756	3,569
District V to District III:					
Crude oil	8,571	7,290	6,024	35,078	18,814
Motor gasoline	-	-	-	-	104
Kerosene-type jet fuel	-	-	-	-	-
Diatillate fuel oil	-	-	-	-	-
Residual fuel oil	204	-	-	204	-
Wax	-	-	-	-	-
Lubricating oil	69	123	-	275	107
Unfinished oils	140	179	157	319	352
Other products	35	-	-	67	70
Total	9,019	7,592	6,181	35,943	19,447

Source: Form EIA-170.

[1] Data for year 1979 not available.
[2] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
To New England:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	-	190	-
Gasoline, total	1,685	2,215	2,445	7,672	9,748
Motor	1,660	2,195	2,429	7,593	9,679
Aviation	25	20	16	79	69
Special naphthas	162	7	35	254	181
Jet fuel, total	754	388	698	2,174	2,720
Naphtha-type	235	36	23	319	239
Kerosene-type	519	352	675	1,855	2,481
Kerosene	59	304	121	660	635
Distillate fuel oil	1,442	1,588	1,800	7,930	9,816
Residual fuel oil	1,195	964	688	3,592	688
Lubricating oil	692	13	7	712	23
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	8	6	5	74	44
Total	5,997	5,485	5,799	23,258	23,855
To Central Atlantic:[1]					
Crude oil	680	261	770	1,630	2,300
Unfinished oils	219	196	104	817	1,272
Gasoline, total	1,613	1,602	2,931	4,719	12,193
Motor	1,540	1,542	2,832	4,488	12,033
Aviation	73	60	99	231	160
Special naphthas	268	228	347	992	978
Jet fuel, total	938	217	703	2,589	1,820
Naphtha-type	-	-	-	-	-
Kerosene-type	938	217	703	2,589	1,820
Kerosene	66	116	277	384	1,097
Distillate fuel oil	1,068	1,016	2,748	5,468	14,211
Residual fuel oil	1,805	2,747	1,292	8,965	5,514
Lubricating oil	799	762	633	2,881	2,414
Wax	22	16	22	83	73
Asphalt and road oil	-	-	30	-	30
Liquefied gases	-	-	-	-	147
Petrochemical feedstocks	80	243	139	636	460
Other products	169	61	54	1,720	2,625
Total	7,727	7,465	10,050	30,884	45,134
To Lower Atlantic:[1]					
Crude oil	-	-	-	104	-
Unfinished oils	146	311	70	565	235
Gasoline, total	10,061	10,136	11,744	39,730	45,647
Motor	9,932	9,924	11,551	39,078	45,061
Aviation	129	212	193	652	586
Special naphthas	98	105	137	356	637
Jet fuel, total	3,139	3,321	2,705	12,618	9,923
Naphtha-type	487	811	421	2,238	1,603
Kerosene-type	2,652	2,510	2,284	10,380	8,320
Kerosene	43	81	72	490	747
Distillate fuel oil	2,924	2,593	2,444	11,003	10,904
Residual fuel oil	4,166	5,410	3,339	15,900	10,776
Lubricating oil	223	241	189	913	850
Wax	-	-	-	-	-
Asphalt and road oil	226	369	423	1,427	1,168
Liquefied gases	15	15	-	30	238
Petrochemical feedstocks	-	54	32	73	118
Other products	124	215	73	552	259
Total	21,165	22,851	21,228	83,761	81,502

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	April	March	April	January - April (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Algeria	15,995	13,857	20,206	62,307	75,333
Angola	1,575	844	2,180	4,997	4,288
Bolivia	-	-	-	301	-
Brunei	-	-	330	151	1,053
Cameroon	746	1,105	430	4,537	1,402
Canada[1]	6,671	6,173	10,022	29,146	36,901
Congo (Brazzaville)	323	145	-	468	909
Ecuador	763	1,669	479	2,826	4,598
Egypt	2,295	2,175	1,463	7,567	4,632
Gabon	337	511	622	2,988	4,486
Ghana	-	-	-	50	-
Guatemala	137	-	-	137	-
Indonesia	9,833	11,372	11,234	41,408	48,860
Iran	-	-	1,549	2,625	9,216
Iraq	1,275	1,449	1,642	5,766	9,848
Kuwait	1,921	853	-	3,861	482
Libya	20,048	20,026	23,123	76,245	79,488
Malaysia	2,476	1,623	880	7,829	6,090
Mexico	16,251	14,193	8,998	59,570	51,053
Netherlands	-	-	-	404	1,914
Nigeria	20,728	27,680	29,465	109,487	134,720
Norway	4,069	5,541	778	18,872	6,193
Oman	641	1,190	520	3,584	5,133
People's Republic of China	-	-	-	-	1,502
Peru	2,533	797	1,011	6,383	4,042
Qatar	2,299	579	898	5,046	3,288
Saudi Arabia	38,766	42,693	44,506	168,879	178,334
Spain	-	-	-	299	-
Syria	-	-	-	787	484
Taiwan	-	-	548	-	548
Trinidad	2,565	3,074	3,227	12,942	12,950
Tunisia	198	-	489	553	1,981
U.S.S.R.	-	-	-	-	-
United Arab Emirates	4,503	11,472	8,557	31,039	37,061
United Kingdom	5,447	7,118	5,254	24,464	23,377
Venezuela	4,064	2,789	7,741	18,857	28,527
Zaire	204	413	187	912	187
Total[1]	[2] 166,663	179,341	186,339	[2] 715,287	778,880
To District I:					
Algeria	4,094	5,493	6,475	19,687	23,715
Angola	242	546	1,572	1,140	1,572
Cameroon	469	-	-	469	-
Canada	250	392	560	1,521	1,089
Ecuador	383	-	95	383	762
Egypt	300	1,474	1,463	3,437	4,632
Gabon	-	511	492	2,015	4,356
Indonesia	879	927	1,071	3,381	3,429
Iran	-	-	173	-	5,858
Iraq	-	-	-	-	996
Kuwait	641	210	-	1,938	-
Libya	6,086	4,235	590	16,986	8,171
Mexico	981	720	106	4,598	1,163
Netherlands	-	-	-	403	-
Nigeria	4,507	6,828	9,991	27,090	36,254
Norway	245	1,353	-	3,095	1,310
Oman	334	-	-	1,088	1,132
Peru	1,196	-	116	2,752	664
Qatar	-	-	394	454	394
Saudi Arabia	10,091	12,898	10,265	52,475	45,399
Spain	-	-	-	299	-
Syria	-	-	-	-	-
Trinidad	276	352	-	1,678	262
Tunisia	198	-	-	198	827
United Arab Emirates	451	1,067	338	3,161	2,007
United Kingdom	1,667	1,229	1,201	5,886	6,047
Venezuela	2,150	1,419	3,990	9,363	14,373
Zaire	204	413	187	912	187
Total	35,644	40,067	39,079	164,409	164,599

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District Country of Origin	April 1980	March 1980	April 1979	January - April (Incl.) 1980	January - April (Incl.) 1979
To District II:					
Algeria	2,886	5,068	4,274	15,529	14,930
Cameroon	277	371	-	2,891	972
Canada[1]	5,064	4,519	6,437	21,037	25,795
Ecuador	-	-	-	-	1,013
Egypt	390	-	-	525	-
Gabon	-	-	-	4	-
Ghana	-	-	-	50	-
Guatemala	137	-	-	137	-
Iran	-	-	438	1,890	1,028
Iraq	-	-	352	-	3,366
Libya	7,262	7,835	11,553	29,435	40,919
Mexico	4,418	3,981	2,103	18,601	16,031
Nigeria	4,571	7,293	4,316	26,744	22,059
Norway	1,016	1,802	326	6,706	2,863
Oman	307	1,007	482	2,313	2,960
Peru	-	-	409	722	1,609
Qatar	1,619	-	504	1,619	2,399
Saudi Arabia	1,577	2,961	5,112	12,792	18,489
Trinidad	1,336	898	-	3,147	1,898
Tunisia	-	-	489	-	889
United Arab Emirates	660	2,080	1,753	6,170	5,698
United Kingdom	1,325	3,949	2,046	9,813	5,650
Venezuela	472	-	1,022	1,684	1,741
Total[1]	33,[illegible]	41,764	41,616	161,805	170,309
To District III:					
Algeria	9,015	3,296	9,457	27,091	34,151
Angola	1,333	298	608	3,100	2,013
Bolivia	-	-	-	301	-
Cameroon	-	734	430	1,177	430
Congo (Brazzaville)	323	145	-	468	909
Ecuador	380	413	384	2,187	2,823
Egypt	1,605	701	-	3,605	-
Gabon	337	-	130	973	130
Indonesia	-	-	513	-	2,380
Iran	-	-	938	735	2,330
Iraq	1,275	1,449	1,290	5,766	5,486
Kuwait	1,280	643	-	1,923	482
Libya	6,700	7,956	10,980	29,569	30,398
Malaysia	-	-	-	192	-
Mexico	10,852	9,492	6,789	36,371	33,859
Netherlands	-	-	-	1	1,914
Nigeria	11,650	13,559	15,158	55,540	76,193
Norway	2,808	2,386	452	8,756	2,020
Oman	-	183	38	183	1,041
Peru	1,337	406	-	2,518	391
Qatar	680	579	-	2,973	495
Saudi Arabia	26,888	26,834	27,970	102,868	110,667
Syria	-	-	-	787	484
Trinidad	953	1,824	3,227	8,117	10,790
Tunisia	-	-	-	355	265
United Arab Emirates	2,826	6,115	4,623	16,993	20,484
United Kingdom	2,455	1,940	2,007	8,765	11,680
Venezuela	1,227	1,164	2,422	6,633	11,559
Total	[2]83,924	81,117	87,416	[2]327,947	363,374
To District IV:					
Algeria	-	-	-	-	2,537
Canada	827	664	1,705	4,323	6,913
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
Total	827	664	1,705	4,717	9,810
To District V[3]:					
Angola	-	-	-	757	703
Brunei	-	-	330	151	1,053
Canada	530	598	1,320	2,265	3,104
Ecuador	-	256	-	256	-
Indonesia	8,954	10,445	9,650	38,027	42,691
Malaysia	2,476	1,623	880	7,637	6,090
Nigeria	-	-	-	-	214
Norway	-	-	-	315	-
People's Republic of China	-	-	-	-	1,502
Peru	-	391	486	391	1,378
Saudi Arabia	210	-	1,159	718	3,779
Taiwan	-	-	548	-	548
United Arab Emirates	566	2,210	1,843	4,715	8,872
Venezuela	215	206	307	1,177	854
Total	12,951	15,729	16,523	56,409	70,788

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finiahed petroleum products including receipta from Puerto Rico, the Virgin lalands, and Guam by P.A.D. District

(Thousands of barrela)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
All Districts:					
Motor gasoline, total	4,552	4,768	4,671	18,135	19,888
Receipts from Puerto Rico	687	890	1,266	2,830	3,792
Other	[1]3,865	3,878	3,405	15,305	16,096
Aviation gaaoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,154	1,556	363	4,249	1,814
Bonded aircraft fuel	-	-	-	-	-
Other	1,154	1,556	363	4,249	1,814
Kerosene-type jet fuel, total	2,067	1,515	916	6,237	6,803
Bonded aircraft fuel	642	505	70	1,856	231
Receipts from Puerto Rico	-	-	-	-	-
Other	1,425	1,010	846	4,381	6,572
Ethane	1,919	1,277	605	6,914	4,812
Liquefied petroleum gsses	2,251	5,363	3,877	19,374	21,188
Kerosene, total	287	519	-	1,935	1,205
Receipta from Puerto Rico	-	26	-	26	149
Other	[1]287	493	-	1,909	1,056
Distillate fuel oil, total	4,401	5,537	4,456	21,896	22,388
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	-	84	544	182
Receipts from Puerto Rico	197	475	85	2,282	1,438
No. 2 fuel oil	[1]4,140	4,718	4,162	18,485	18,445
No. 4 fuel oil	64	344	125	580	2,323
Residual fuel oil, total	23,079	30,091	34,018	120,712	163,804
Bonded ships bunkers	-	5	-	5	-
For military offshore use	104	191	-	519	-
Receipts from Puerto Rico	-	503	-	553	-
Other	[1]22,975	29,392	34,018	119,635	163,804
Petrochemical feedstocks, total	474	603	225	1,645	1,046
Receipts from Puerto Rico	53	148	135	501	764
Other	421	455	90	1,144	282
Special naphthas	188	78	13	328	1,240
Lubricants	245	165	177	837	1,001
Wax	-	-	-	-	-
Asphalt	57	-	58	160	114
Miscellaneous	24	14	11	160	182
Total	40,698	51,486	49,390	202,582	245,485
District I:					
Motor gasoline, total	4,143	3,404	4,211	14,493	16,621
Receipts from Puerto Rico	569	692	1,266	2,514	3,568
Other	3,574	2,712	2,945	11,979	13,053
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,085	1,556	319	3,770	1,218
Bonded aircraft fuel	-	-	-	-	-
Other	1,085	1,556	319	3,770	1,218
Kerosene-type jet fuel, total	1,292	649	455	3,236	3,637
Bonded aircraft fuel	270	160	21	784	51
Receipts from Puerto Rico	-	-	-	-	-
Other	1,022	489	434	2,452	3,586
Ethane	-	-	-	1	2
Liquefied petroleum gases	205	585	307	3,348	5,101
Kerosene, total	287	519	-	1,935	1,205
Receipts from Puerto Rico	-	26	-	26	149
Other	287	493	-	1,909	1,056
Distillate fuel oil, total	4,108	5,357	4,270	21,041	21,476
Bonded ships bunkers	-	-	-	-	-
For military offshore uae	-	-	84	304	103
Receipts from Puerto Rico	197	475	85	2,282	1,438
No. 2 fuel oil	3,847	4,538	3,976	17,875	17,612
No. 4 fuel oil	64	344	125	580	2,323
Residual fuel oil, total	20,753	28,186	32,636	111,462	154,484
Bonded ships bunkers	-	5	-	5	-
For military offshore use	104	191	-	519	-
Receipta from Puerto Rico	-	503	-	553	-
Other	20,649	27,487	32,636	110,385	154,484
Petrochemical feedstocks, total	127	144	82	563	438
Receipts from Puerto Rico	53	11	80	229	378
Other	74	133	2	334	60
Special naphthas	39	2	-	42	668
Lubricants	214	147	145	715	691
Wax	-	-	-	-	-
Asphalt	57	-	58	160	114
Miscellaneous	4	-	-	111	118
Total	32,314	40,549	42,483	160,877	205,773
District II:					
Motor gasoline	3	208	31	602	289
Aviation gaaoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	27	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	27	-
Kerosene-type jet fuel, total	31	31	-	91	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	31	31	-	91	-
Ethane	1,919	1,277	605	6,913	4,810
Liquefied petroleum gases	1,463	3,369	2,813	11,017	11,368
Kerosene	-	-	-	-	-
Diatillate fuel oil, total	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil[2]	923	695	1,072	3,282	5,142
Petrochemical feedstocks	10	2	57	76	191
Special naphthas	146	18	13	211	110
Lubricants	6	1	7	7	12
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	20	14	11	49	39
Total	4,521	5,615	4,609	22,275	21,961

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
District III:					
Motor gasoline, total	118	794	99	1,345	864
Receipts from Puerto Rico	118	198	-	316	224
Other	-	596	99	1,029	640
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	-	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	-	-
Kerosene-type jet fuel, total	19	-	-	591	-
Bonded aircraft fuel	-	-	-	-	-
Other	19	-	-	591	-
Liquefied petroleum gases	304	522	214	1,671	639
Kerosene	-	-	-	-	-
Distillate fuel oil, total	207	-	-	207	-
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
No. 2 fuel oil	207	-	-	207	-
Residual fuel oil, total	-	350	-	1,190	58
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	350	-	1,190	58
Petrochemical feedstocks, total	163	295	86	652	417
Receipts from Puerto Rico	-	137	55	272	386
Other	163	158	31	380	31
Special naphthas	-	-	-	13	462
Lubricants	25	-	25	98	157
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	25
Total	836	1,961	424	5,767	2,622
District IV:					
Motor gasoline	-	11	-	44	116
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	-	460	230	1,660	1,807
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Special naphthas	-	-	-	-	-
Lubricants	-	-	-	-	-
Total	-	471	230	1,704	1,923
District V:					
Motor gasoline, total	288	351	330	1,651	1,998
Receipts from Puerto Rico	-	-	-	-	-
Other	288	351	330	1,651	1,998
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	69	-	44	452	596
Bonded aircraft fuel	-	-	-	-	-
Other	69	-	44	452	596
Kerosene-type jet fuel, total	725	835	461	2,319	3,166
Bonded aircraft fuel	372	345	49	1,072	180
Other	353	490	412	1,247	2,986
Liquefied petroleum gases	279	427	313	1,678	2,273
Kerosene	-	-	-	-	-
Distillate fuel oil, total	86	180	186	648	912
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	-	-	240	79
No. 2 fuel oil	86	180	186	403	833
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil, total	1,403	860	310	4,778	4,120
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	1,403	860	310	4,778	4,120
Petrochemical feedstocks	174	162	-	354	-
Special naphthas	3	58	-	62	-
Lubricants	-	17	-	17	141
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	-
Total	3,027	2,890	1,644	11,959	13,206

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,941; Distillate No. 2 fuel oil, 2,969; Kerosene, 287; Residual fuel oil, 5,682.

[2] Includes crude oil for direct burning as fuel: Current month, 923.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
Plant condensate, total	304	315	327	1,590	1,755
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	15	-	110
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	283	281	235	1,230	1,279
P.A.D. District V	21	34	77	360	366
Unfinished oils, total	1,884	1,648	487	9,048	3,509
P.A.D. District I	[1]1,326	517	435	4,087	2,697
P.A.D. District II	28	15	1	102	10
P.A.D. District III	223	892	51	4,021	586
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	307	224	-	838	216

Sources: Form ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 743 and from the Virgin Islands: 209.

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-								Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	4,360	-	-	-	-	-	-	-	-	-	-	4,071
Fla., Ga., Va., N.C...	2,200	-	3,177	106	-	-	13	-	88	-	-	1,797
New Jersey, Rhode Is..	16,253	-	-	-	-	-	-	-	-	1,908	-	13,755
New York, New Hampshire	2,389	3	73	2	-	-	-	1,092	-	-	1,010	513
Pennsylvania: East ...	15,393	-	-	-	-	-	-	-	-	1,289	-	15,163
West ...	2,155	-	396	13	245	110	-	166	527	149	1,016	-
West Virginia	492	-	224	8	204	2	-	127	80	84	-	-
District I	[1]43,242	3	3,870	129	449	112	13	1,385	695	3,430	2,026	35,299
Illinois	27,932	-	2,182	73	1,043	2	-	14,140	1	-	11,410	1,845
Indiana	10,171	8	117	4	115	1	-	7,567	6	92	2,111	318
Kansas	10,819	4	5,254	175	4,362	266	-	4,783	-	-	1,528	-
Kentucky, Tennessee ..	7,025	4	278	9	-	202	-	1,411	51	737	4,523	213
Michigan	2,905	-	2,219	74	1,463	230	-	470	-	-	849	-
Minnesota, Wisconsin .	5,551	-	-	-	-	-	-	1,468	-	-	4,070	-
Missouri, Nebraska ...	1,417	-	326	11	-	2	-	1,296	-	-	-	-
N. and S. Dakota......	1,494	1	3,321	110	1,412	13	-	34	-	-	-	-
Ohio: East	1,514	-	-	-	54	-	-	525	-	-	941	-
West	[2]11,287	-	982	33	-	-	-	5,652	-	-	[2]5,657	-
Oklahoma	14,584	6	11,610	387	5,538	552	-	6,162	-	-	2,393	-
District II	94,699	23	26,289	876	13,987	1,268	-	43,508	58	829	33,482	2,376
Alabama	2,365	10	1,922	64	1,059	16	19	969	62	-	132	152
Arkansas	1,504	1	1,208	41	1,002	122	-	66	-	-	317	-
Louisiana	56,404	18	42,480	1,416	20,852	1,464	5,557	5,201	228	4,108	-	21,193
Mississippi	9,896	-	2,734	91	1,091	182	-	2,764	9	173	58	5,413
New Mexico	2,716	-	6,277	209	1,843	686	-	105	27	-	75	-
Texas	106,992	4	76,266	2,542	47,514	1,929	1,027	6,513	-	6,681	693	45,396
District III	179,877	33	130,887	4,363	73,361	4,399	6,603	15,618	326	10,962	1,275	72,154
Colorado	967	-	2,453	82	303	131	-	559	-	-	-	-
Montana	3,497	-	2,203	73	638	114	-	1,592	12	-	1,403	-
Utah	3,970	-	1,825	61	673	632	96	1,593	66	850	-	-
Wyoming	4,533	1	9,975	333	4,527	108	-	137	35	-	-	-
District IV	12,967	1	16,456	549	6,141	985	96	3,881	113	850	1,403	-
California	56,258	24	26,493	883	22,321	1,721	2,051	187	-	21,787	-	8,786
Washington	10,317	-	-	-	-	-	-	-	-	5,549	529	4,28[illegible]
Other States [3]........	3,934	12	41,641	1,388	731	87	914	-	107	1,112	-	1,19[illegible]
District V	70,509	36	68,134	2,271	23,052	1,808	2,965	187	107	28,448	529	14,256
*United States, total ..	401,294	96	245,636	8,188	116,990	8,572	9,677	64,579	1,299	44,519	[4]38,715	124,085
Daily Average	13,376	3	8,188	x	3,900	286	322	2,153	43	1,484	1,290	4,136

Source: Form EIA-87.

[1] Includes 25,339 in Delaware River Valley.

[2] Includes some Athabasca hydrocarbons.

[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.

[4] Excludes crude oil imported for direct burning for fuel use by pipeline.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: April 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	* U.S. Total
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va.,	101	13	-	-	-	-	-	-	-	34	54	-	-	88	-	-	-	-	-	-	88
New Jersey	1,908	-	-	-	-	-	-	-	-	-	43	-	-	43	-	-	-	-	-	1,865	1,908
New York, New Hamp.	1,092	-	-	305	-	-	-	15	320	-	404	-	368	772	-	-	-	-	-	-	1,092
Pennsylvania: East	1,289	-	-	-	-	-	-	-	-	-	29	-	601	630	-	-	-	-	-	659	1,289
West	1,197	355	86	35	-	637	-	60	732	-	-	-	-	-	-	24	-	-	24	-	842
West Virginia	497	206	-	-	-	291	-	-	291	-	-	-	-	-	-	-	-	-	-	-	291
P.A.D. District I	6,084	574	86	340	-	928	-	75	1,343	34	530	-	969	1,533	-	24	-	-	24	2,524	5,510
Illinois	15,186	1,045	489	1	270	-	50	402	723	-	2,959	1,299	7,683	11,941	109	-	-	187	296	692	14,141
Indiana	7,781	116	41	239	198	30	1,199	414	2,080	29	410	1,674	1,572	3,685	2	980	-	877	1,859	-	7,665
Kansas	9,411	4,628	-	-	-	-	41	1,727	1,768	-	-	-	1,965	1,965	208	78	-	764	1,050	-	4,783
Kentucky, Tennessee	2,401	202	464	505	-	46	-	-	551	152	801	-	43	996	-	-	-	42	42	146	2,199
Michigan	2,163	1,693	-	-	-	-	-	-	-	-	92	-	-	92	-	-	-	378	378	-	470
Minnesota, Wisconsin	1,468	-	-	-	-	-	928	91	1,019	-	-	-	-	-	-	199	-	-	199	250	1,468
Missouri, Nebraska	1,298	2	-	-	-	-	-	-	-	-	-	28	1,163	1,191	-	-	-	105	105	-	1,296
North Dakota	1,459	1,425	-	-	-	-	-	-	-	-	-	-	-	-	-	34	-	-	34	-	34
Ohio: East	579	54	-	-	-	-	-	-	-	-	407	-	-	407	-	-	-	-	-	118	525
West	5,652	-	14	579	-	-	-	155	734	121	1,663	-	3,040	4,824	-	-	-	80	80	-	5,652
Oklahoma	12,252	6,090	-	-	-	-	-	-	-	-	-	91	5,971	6,062	-	-	-	-	-	100	6,162
P.A.D. District II	59,650	15,255	1,008	1,324	468	76	2,218	2,789	6,875	302	6,332	3,092	21,437	31,163	319	1,291	-	2,433	4,043	1,306	44,395
Alabama	2,125	1,094	513	-	-	-	-	-	-	518	-	-	-	518	-	-	-	-	-	-	1,031
Arkansas	1,190	1,124	-	-	-	-	-	-	-	-	28	-	38	66	-	-	-	-	-	-	66
Louisiana	37,410	27,873	1,207	-	-	-	-	-	-	1,159	-	-	3,239	4,398	-	-	-	-	-	3,932	9,537
Mississippi	4,219	1,273	45	-	-	-	-	-	-	2	2,899	-	-	2,901	-	-	-	-	-	-	2,946
New Mexico	2,661	2,529	-	-	-	-	-	-	-	-	-	-	113	113	14	-	5	-	19	-	132
Texas	63,664	50,470	437	-	158	-	-	2,656	2,814	358	4,818	656	-	5,832	59	-	277	-	336	3,775	13,194
P.A.D. District III	111,269	84,363	2,202	-	158	-	-	2,656	2,814	2,037	7,745	656	3,390	13,828	73	-	282	-	355	7,707	26,906
Colorado	993	434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	89	465	554	5	559
Montana	2,356	752	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,604	1,604	-	1,604
Utah	3,910	1,401	-	-	-	-	-	-	-	-	-	-	-	-	1,578	15	-	838	2,431	78	2,509
Wyoming	4,807	4,635	-	-	-	-	2	-	2	-	-	-	-	-	49	121	-	-	170	-	172
P.A.D. District IV	12,066	7,222	-	-	-	-	2	-	2	-	-	-	-	-	1,627	136	89	2,907	4,759	83	4,844
California	48,067	26,093	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21,974	21,974
Other States	8,500	1,732	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	53	6,715	6,768
P.A.D. District V	56,567	27,825	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53	-	53	28,689	28,742
*United States, total	245,636	135,239	[1]3,296	1,664	626	1,004	2,220	5,520	11,034	2,373	14,607	3,748	25,796	46,524	2,019	1,451	424	5,340	9,234	[2]40,309	110,397
Daily average	8,188	4,508	110	55	21	34	74	184	368	79	487	125	860	1,551	67	49	14	178	308	1,343	3,680

Source: Form EIA-87.

[1] Florida, 3,164 ; New York, 73 ; Virginia, - ; Pennsylvania, 41; West Virginia, 18.

[2] Alaska, 39,826 ; Arizona, - ; California, 400 ; Nevada, 83.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States: April 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	526	371	-	16	29	169	-	585	119	230	-	1,460
East Coast.................	356	277	-	-	-	169	-	446	89	-	-	891
Appalachian No. 1..........	170	94	-	16	29	-	-	139	30	230	-	569
P.A.D. District II, total.......	1,796	3,034	484	453	1,015	123	-	5,109	1,208	1,023	14	9,150
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	483	556	-	46	95	-	-	697	86	752	3	2,021
Minn., Wisc., etc..........	-	91	-	13	27	-	-	131	40	27	-	198
Okla., Kans., etc..........	1,313	2,387	484	394	893	123	-	4,281	1,082	244	11	6,931
P.A.D. District III, total......	5,934	9,312	5,347	2,648	3,956	673	71	22,007	6,776	69	709	35,495
Texas Inland...............	1,129	3,149	1,937	674	1,061	423	53	7,297	2,542	6,842	270	18,080
Texas Gulf.................	2,260	3,078	2,819	904	1,762	55	3	8,621	2,156	-9,959	4	3,082
Louisiana Gulf.............	2,406	2,451	425	869	823	65	9	4,642	1,649	526	416	9,639
Ark., La. Inland, etc......	51	148	-	95	132	13	6	394	89	268	15	817
New Mexico.................	88	486	166	106	178	117	-	1,053	340	2,392	4	3,877
P.A.D. District IV, total.......	19	437	-	5	83	145	1	671	321	896	26	1,933
P.A.D. District V, total........	-	201	-	25	83	-	31	340	365	25	0	730
*United States, total........	8,275	13,355	5,831	3,147	5,166	1,110	103	28,712	8,789	2,243	749	48,768

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[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States: April 30, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,711	-	73	82	18	-	2,884	26	-	-	2,910	-	98
East Coast..........	-	1,015	-	10	41	18	-	1,084	2	-	-	1,086	-	96
Appalachian No. 1....	-	1,696	-	63	41	-	-	1,800	24	-	-	1,824	-	2
P.A.D. District II, total.	2,181	22,094	2,420	2,050	4,469	28	304	31,365	2,428	906	8	36,888	851	335
Appalachian No. 2....	-	62	-	-	1	-	-	63	-	-	-	63	138	-
Ind., Ill., etc......	22	3,253	66	306	1,023	-	-	4,648	22	98	7	4,797	103	36
Minn., Wisc., etc....	1,154	633	-	3	6	-	60	702	29	2	-	1,887	107	119
Okla., Kans., etc....	1,005	18,146	2,354	1,741	3,439	28	244	25,952	2,377	806	1	30,141	503	180
P.A.D. District III, total	1,635	22,603	5,547	6,948	14,358	1,726	1,149	52,331	8,667	3,265	397	66,295	2,443	452
Texas Inland.........	612	3,606	602	336	1,283	382	663	6,872	796	1,298	226	9,804	127	16
Texas Gulf...........	658	9,866	4,869	4,164	10,078	807	25	29,809	5,127	1,705	4	37,303	1,541	161
Louisiana Gulf.......	361	4,170	-	2,364	2,765	12	459	9,770	2,558	94	140	12,923	754	137
Ark., La. Inland, etc	1	4,733	-	58	176	499	1	5,467	49	134	26	5,677	11	75
New Mexico...........	3	228	76	26	56	26	1	413	137	34	1	588	10	63
P.A.D. District IV, total.	-	148	-	1	106	14	-	269	170	23	5	467	99	157
P.A.D. District V, total..	-	194	-	186	35	40	2	457	21	2	-	480	54	7
* United States, total.	3,816	47,750	7,967	9,258	19,050	1,826	1,455	87,306	11,312	4,196	410	107,040	3,447	1,049

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: April 1980

(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United ** States
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total..........	5	14	19	128	1,826	260	1,583	3,797	632	6,746	2,102	503	104	10,087	389	927	15,219
Propane......................	-	-	-	-	240	-	-	240	-	-	208	-	-	208	-	-	448
Butane, total................	5	10	15	128	938	201	785	2,052	280	629	816	56	13	1,794	221	444	4,526
Isobutane..................	-	2	2	61	487	53	465	1,066	154	393	472	45	13	1,077	65	176	2,386
Normal butane..............	-	8	8	67	400	40	214	721	57	226	314	5	-	602	14	66	1,411
Other......................	5	-	5	-	51	108	106	265	69	10	30	6	-	115	142	202	729
Butane-propane mix...........	-	-	-	-	4	-	-	4	-	111	-	-	-	111	-	55	170
Natural gasoline.............	-	2	2	-	568	59	755	1,382	310	4,430	972	138	88	5,938	99	382	7,803
Unfractionated stream [1]	-	2	2	-	76	-	43	119	42	1,576	106	309	3	2,036	69	46	2,272
*Stocks at refineries, total......	96	2	98	138	139	226	683	1,186	143	1,702	891	86	73	2,895	256	61	4,496
Propane......................	-	-	-	-	16	-	-	16	-	308	78	-	-	386	1	-	403
Butane, total................	-	-	-	138	87	107	503	835	127	1,233	670	11	7	2,048	98	54	3,035
Isobutane..................	-	-	-	22	58	53	211	344	95	371	281	10	7	764	33	43	1,184
Normal butane..............	-	-	-	116	29	23	276	444	18	862	338	-	-	1,218	2	11	1,675
Other......................	-	-	-	-	-	31	16	47	14	-	51	1	-	66	63	-	176
Butane-propane mix...........	-	-	-	-	-	-	-	-	-	-	6	-	3	9	-	-	9
Natural gasoline.............	96	2	98	-	33	119	180	332	16	109	137	6	63	331	50	7	818
Unfractionated stream [1]	-	-	-	-	3	-	-	3	-	52	-	69	-	121	107	-	231
Liquefied refinery gases:																	
Refinery output, total.........	1,279	150	1,429	32	1,487	170	623	2,312	378	2,819	1,320	83	44	4,644	143	1,323	9,851
Propane and/or propylene.....	1,130	101	1,231	32	1,471	145	605	2,253	257	2,343	1,114	41	8	3,763	95	823	8,165
Petrochemical..............	369	-	369	32	309	-	32	373	-	1,286	232	-	1	1,519	1	174	2,436
Other......................	761	101	862	-	1,162	145	573	1,880	257	1,057	882	41	7	2,244	94	649	5,729
Butane and/or butylene.......	149	49	198	-	16	25	18	59	99	396	85	41	19	640	42	404	1,343
Petrochemical..............	74	-	74	-	-	-	-	-	14	181	71	26	-	292	1	43	410
Other......................	75	49	124	-	16	25	18	59	85	215	14	15	19	348	41	361	933
Butane-propane mix...........	-	-	-	-	-	-	-	-	9	19	121	1	17	167	6	96	269
Petrochemical..............	-	-	-	-	-	-	-	-	-	2	19	-	-	21	-	-	21
Other......................	-	-	-	-	-	-	-	-	9	17	102	1	17	146	6	96	248
Isobutane....................	-	-	-	-	-	-	-	-	13	61	-	-	-	74	-	-	74
*Stocks at refineries, total......	786	7	793	2	1,070	43	679	1,794	273	598	929	13	11	1,824	187	872	5,470
Propane and/or propylene.......	759	3	762	2	902	21	298	1,223	92	500	884	4	2	1,482	72	157	3,696
Petrochemical................	28	-	28	2	73	-	2	77	-	6	-	-	-	6	-	-	111
Other........................	731	3	734	-	829	21	296	1,146	92	494	884	4	2	1,476	72	157	3,585
Butane and/or butylene.........	27	4	31	-	168	22	229	419	181	63	37	9	9	299	110	583	1,442
Petrochemical................	-	-	-	-	-	-	-	-	2	9	-	1	-	12	1	-	13
Other........................	27	4	31	-	168	22	229	419	179	54	37	8	9	287	109	583	1,429
Butane-propane mix............	-	-	-	-	-	-	152	152	-	23	8	-	-	31	1	132	316
Petrochemical................	-	-	-	-	-	-	-	-	-	1	7	-	-	8	-	-	8
Other........................	-	-	-	-	-	-	152	152	-	22	1	-	-	23	1	132	308
Isobutane......................	-	-	-	-	-	-	-	-	-	12	-	-	-	12	4	-	16

Sources: Forms EIA-87 and 64.

**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

*Stocks as of April 30, 1980.

[1] Includes plant condensate.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
All Districts:					
Crude oil	6,488	10,009	7,790	35,114	32,808
Motor gasoline[1]	15	6	41	51	181
Jet fuel, total	76	49	34	221	148
Naphtha-type	–	–	33	20	1
Kerosene-type	76	49	1	201	147
Ethane	–	–	–	1	–
Liquefied gases, total	573	700	385	2,963	2,154
Propane	296	420	231	1,519	1,085
Butane	277	280	154	1,444	1,069
Kerosene	2	1	1	5	9
Distillate fuel oil	73	575	118	1,102	502
Residual fuel oil	1,195	63	50	1,910	956
Petrochemical feedstocks	987	679	688	3,300	3,517
Special naphthas	193	221	44	472	204
Lubricants	782	1,068	604	3,060	2,557
Wax	52	36	46	224	228
Coke	3,258	4,118	5,020	15,023	15,913
Asphalt	11	7	12	37	42
Miscellaneous products	17	11	10	49	52
Total	13,722	17,543	14,843	63,532	59,271
District I:					
Crude oil	140	231	–	602	–
Motor gasoline	1	1	1	4	4
Jet fuel, total	–	–	–	–	1
Naphtha-type	–	–	–	–	–
Kerosene-type	–	–	–	–	1
Ethane	–	–	–	–	–
Liquefied gases, total	49	38	32	167	167
Propane	22	19	16	83	76
Butane	27	19	16	84	91
Kerosene	–	1	–	1	2
Distillate fuel oil	3	–	1	3	1
Residual fuel oil	45	–	2	75	2
Petrochemical feedstocks	54	46	38	196	150
Special naphthas	4	4	1	12	8
Lubricants	248	187	157	767	572
Wax	8	6	8	26	32
Coke	474	136	275	1,252	765
Asphalt	3	3	–	9	5
Miscellaneous products	16	9	9	42	42
Total	1,045	662	524	3,156	1,751
District II:					
Crude oil	2,199	3,323	4,056	13,146	10,467
Motor gasoline	–	–	–	–	–
Jet fuel, total	–	–	–	–	–
Naphtha-type	–	–	–	–	–
Kerosene-type	–	–	–	–	–
Liquefied gases, total	12	19	2	313	19
Propane	1	5	1	113	10
Butane	11	14	1	200	9
Kerosene	–	–	–	–	–
Distillate fuel oil	–	1	–	2	1
Residual fuel oil	–	–	–	–	56
Petrochemical feedstocks	25	41	6	182	67
Special naphthas	–	5	–	5	6
Lubricants	16	21	19	73	61
Wax	–	2	1	4	8
Coke	370	171	330	673	538
Asphalt	1	1	2	4	5
Miscellaneous products	–	–	–	–	–
Total	2,623	3,584	4,416	14,402	11,228

Continued on next page.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District (continued)

(Thousands of barrels)

Item	April 1980	March 1980	April 1979	January - April (Incl.)	
				1980	1979
District III:					
Crude oil	1,913	738	-	3,327	-
Motor gasoline	-	-	18	-	102
Jet fuel, total	-	-	-	20	1
Naphtha-type	-	-	-	20	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	362	470	245	1,925	1,489
Propane	173	248	116	883	555
Butane	189	222	129	1,042	934
Kerosene	-	-	1	2	4
Distillate fuel oil	70	574	-	1,092	-
Residual fuel oil	1,102	2	-	1,437	-
Petrochemical feedstocks	893	492	638	2,661	2,547
Special naphthas	185	209	40	442	179
Lubricants	442	629	363	1,817	1,638
Wax	39	20	33	172	166
Coke	1,420	2,008	2,247	6,732	6,926
Asphalt	3	1	1	8	6
Miscellaneous products	1	2	1	7	10
Total	6,430	5,145	3,587	19,642	13,068
District IV:					
Crude oil	95	55	111	321	222
Liquefied gases, total	-	-	-	-	4
Propane	-	-	-	-	2
Butane	-	-	-	-	2
Kerosene	-	-	-	-	-
Petrochemical feedstocks	1	1	-	2	3
Special naphthas	-	-	-	-	-
Lubricants	-	3	-	5	1
Coke	-	-	-	-	-
Asphalt	-	1	1	2	1
Miscellaneous products	-	-	-	-	-
Total	96	60	112	330	231
District V:					
Crude oil	2,141	5,662	3,623	17,718	22,119
Motor gasoline	14	5	22	47	75
Jet fuel, total	76	49	34	201	146
Naphtha-type	-	-	1	-	-
Kerosene-type	76	49	33	201	146
Ethane	-	-	-	1	-
Liquefied gases, total	150	173	106	558	475
Propane	100	148	98	440	442
Butane	50	25	8	118	33
Kerosene	2	-	-	2	3
Distillate fuel oil	-	-	117	5	500
Residual fuel oil	48	61	48	398	898
Petrochemical feedstocks	14	99	6	259	751
Special naphthas	4	3	3	13	11
Lubricants	76	228	65	398	285
Wax	5	8	4	22	22
Coke	994	1,803	2,168	6,366	7,684
Asphalt	4	1	8	14	24
Miscellaneous products	-	-	-	-	-
Total	3,528	8,092	6,204	26,002	32,993

Sources: Form EIA-87 and Bureau of the Census publications EM 522 and EM 594.

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

TABLE 23. - Revisions to tables 1, 2, 5, 9, 17, 18, and 21 for January - December 1979

TABLE 1. - Supply, disposition, and stocks of all oils

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Domestic production:												
Natural gas plant liquids	47,443	43,711	47,978	48,326	48,658	47,143	48,497	48,838	46,939	49,818	50,276	50,396
Imports:												
Total new supply	592,260	522,926	586,156	541,869	566,675	549,373	567,256	586,740	543,211	585,520	554,986	584,363
Unaccounted for crude oil	-9,483	-5,548	+9,854	+7,163	-6,377	+12,561	+7,976	+541	+735	-3,757	+3,053	-440
Total supply	596,648	530,523	610,190	562,552	576,069	577,988	591,886	605,298	561,428	597,842	575,393	602,051
Change in stocks, all oils	-54,347	-79,027	-6,368	+24,358	+9,194	+31,203	+45,717	+26,271	+25,633	+20,896	+9,543	+3,372
Total disposition of primary supply	650,995	609,550	616,558	538,194	566,875	546,785	546,169	579,027	535,795	576,946	565,850	598,679
Crude losses	489	430	472	467	478	474	498	493	467	477	465	491
Products Supplied for Domestic Use:												
Gasoline, total	214,361	204,266	224,896	213,077	224,507	216,937	213,797	228,897	207,746	218,822	204,380	208,306
Motor gasoline	213,670	203,476	223,770	212,027	223,297	215,621	212,337	227,295	206,350	217,672	203,133	207,393
Aviation gasoline	691	790	1,126	1,050	1,210	1,316	1,460	1,602	1,396	1,150	1,247	913
Ethane (including ethylene)	10,053	8,844	12,399	9,567	13,326	9,761	10,684	10,706	9,204	9,463	10,223	10,856
Liquefied gases	54,246	47,793	39,362	32,671	28,723	29,071	32,696	33,515	32,481	41,463	41,232	45,490
Kerosene	10,261	9,555	4,972	4,781	4,345	4,312	4,034	4,958	4,791	5,607	4,609	6,821
Distillate fuel oil	140,842	134,168	112,435	90,192	92,673	81,206	79,126	85,927	79,773	96,227	99,331	115,378
Miscellaneous products	4,743	4,122	4,699	3,563	3,445	2,829	2,952	2,418	2,682	3,777	3,604	4,596
Natural gasoline	1,560	2,073	1,861	3,355	2,902	2,201	814	1,385	3,522	940	4,113	2,316
Unfractionated stream (including Plant condensate)	10	9	14	4	17	8	12	21	9	12	9	3
Total	638,464	595,454	597,366	522,884	552,479	532,656	530,106	564,542	522,847	562,923	550,094	583,551
Stocks all oils:												
Natural gasoline	6,386	6,951	7,177	7,583	7,940	7,943	8,772	8,943	8,573	9,403	9,867	9,866
Unfractionated stream (including Plant condensate)	4,221	4,063	4,127	3,862	4,340	4,506	4,958	4,704	4,264	4,455	4,147	4,423
Refined products	737,118	654,883	630,336	646,824	657,560	676,349	728,346	744,880	766,643	764,076	767,219	779,725
Total	1,231,145	1,152,118	1,145,750	1,170,108	1,179,302	1,210,505	1,256,222	1,282,493	1,308,126	1,329,022	1,338,565	1,341,937

TABLE 2. - Comparative supply and disposition statistics

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Isopentane:												
Production	961	743	726	675	722	643	859	1,019	819	874	723	772
Stocks at plants	105	85	91	59	102	110	212	311	289	320	309	308
Used at refineries	1,020	763	720	707	679	635	757	920	841	843	734	773
Supplied for domestic use	-	-	-	-	-	-	-	-	-	-	-	-
Natural gasoline:												
Production	6,678	7,198	8,069	8,743	8,492	8,093	7,174	7,479	8,316	7,384	10,884	7,948
Stocks, total	6,281	6,866	7,086	7,524	7,838	7,833	8,560	8,632	8,284	9,083	9,558	9,558
At plants	4,622	5,145	5,952	6,641	6,987	6,867	7,458	7,694	7,539	8,207	8,587	8,561
Used at refineries	5,585	4,540	5,988	4,950	5,276	5,897	5,633	6,022	5,142	5,645	6,296	5,642
Supplied for domestic use	1,560	2,073	1,861	3,355	2,902	2,201	814	1,385	3,522	940	4,113	2,316
Unfractionated stream (including Plant condensate):												
Production	1,817	1,773	1,717	1,371	2,063	1,559	1,963	1,174	941	1,505	1,222	1,668
Stocks, total	4,221	4,063	4,127	3,862	4,340	4,506	4,958	4,704	4,264	4,455	4,147	4,423
At plants	3,749	3,614	3,544	3,330	3,747	3,975	4,473	4,223	3,823	3,942	3,838	4,205
Used at refineries	2,261	2,314	2,211	1,959	1,962	1,782	1,794	1,748	1,684	1,683	1,932	1,842
Supplied for domestic use	10	9	14	4	17	8	12	21	9	12	9	3

TABLE 2. - Comparative supply and disposition statistics

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Finished gasoline:												
Production total	226,818	195,314	207,311	204,442	211,859	211,440	219,059	215,450	200,843	202,909	201,190	217,214
At gas processing plants	569	423	195	628	515	535	586	686	579	624	584	550
Stocks, total	258,880	254,357	241,928	237,923	229,714	231,988	244,125	235,221	232,342	221,044	223,295	240,340
At plants	196	194	162	259	254	254	223	182	234	215	161	181
Supplied for domestic use	214,361	204,266	224,896	213,077	224,507	216,937	213,797	228,897	207,746	218,822	204,380	208,306
Motor gasoline:												
Production, total	225,947	194,716	206,420	203,434	210,802	210,063	217,684	213,912	199,219	201,508	200,105	216,285
At gas processing plants	523	373	148	486	446	448	499	577	451	534	484	471
Stocks, total	255,791	251,460	239,266	235,303	227,247	229,460	241,675	232,835	229,728	218,179	220,592	237,621
At plants	127	114	104	111	54	111	139	93	120	113	106	118
Supplied for domestic use	213,670	203,476	223,770	212,027	223,297	215,621	212,337	227,295	206,350	217,672	203,133	207,393
Aviation gasoline:												
Production, total	871	598	891	1,008	1,057	1,377	1,375	1,538	1,624	1,401	1,085	929
At gas processing plants	46	50	47	142	69	87	87	109	128	90	100	79
Supplied for domestic use	691	790	1,126	1,050	1,210	1,316	1,460	1,602	1,396	1,150	1,247	913
Ethane (including ethylene):												
Production, total	8,975	8,523	9,007	9,251	9,163	8,746	9,081	8,869	8,490	8,938	8,634	9,631
At gas processing plants	8,655	8,324	8,817	8,991	8,822	8,511	8,864	8,699	8,278	8,791	8,499	9,383
Stocks, total	7,066	6,747	6,264	6,553	6,161	6,323	6,906	6,165	6,089	6,401	5,623	5,757
At plants	7,066	6,747	6,264	6,553	6,161	6,323	6,906	6,165	6,089	6,401	5,623	5,757
Supplied for domestic use, total	10,053	8,844	12,399	9,567	13,326	9,761	10,684	10,706	9,204	9,463	10,223	10,856
Plant ethane	9,733	8,645	12,209	9,307	12,985	9,526	10,467	10,536	8,992	9,316	10,088	10,608
Liquefied gases:												
Production, total	38,714	33,946	38,377	38,021	39,515	38,701	39,777	40,616	37,247	40,188	37,662	40,236
At gas processing plants (L.P.G.)	28,571	25,051	28,251	27,658	27,808	27,482	28,796	29,508	27,764	30,392	28,134	29,854
Stocks, total	110,113	94,320	89,624	92,439	99,773	107,408	113,563	120,596	124,153	119,816	113,886	105,132
L.P.G., total	103,545	88,603	84,688	87,032	92,539	99,648	107,128	113,868	117,319	113,453	107,736	99,132
At plants	100,910	86,283	82,264	84,539	89,672	96,816	104,256	110,970	114,203	110,129	104,864	96,703
L.P.G. used at refineries	9,404	8,174	7,233	6,027	6,854	5,343	5,590	5,599	5,833	7,418	8,631	9,464
Supplied for domestic use, total	54,246	47,793	39,362	32,671	28,723	29,071	32,696	33,515	32,481	41,463	41,232	45,490
L.P.G. for fuel and chemical use	43,260	38,047	28,455	22,779	18,843	18,378	20,390	22,700	23,104	31,196	31,491	34,958
Propane (including propylene):												
Production, total	22,305	20,129	22,183	21,577	22,814	21,219	22,189	22,473	20,624	22,382	21,636	23,537
At gas processing plants	14,149	12,807	13,986	13,763	13,879	13,197	13,473	13,670	12,934	14,326	13,480	14,592
Stocks, total	74,268	62,979	59,626	61,176	65,926	69,416	73,460	75,765	76,322	72,577	68,524	63,793
Plant propane, total	69,652	59,341	56,676	58,128	61,625	65,028	68,844	71,000	71,447	68,132	64,341	59,649
At plants	69,174	58,962	56,305	57,594	61,072	64,680	68,378	70,697	71,133	67,732	64,163	59,509
Supplied for domestic use, total	37,131	32,921	27,241	22,018	18,863	19,341	19,708	22,315	22,178	28,228	28,734	30,933
Plant propane	28,440	24,621	18,356	14,302	11,181	11,406	11,220	13,661	14,598	19,742	20,316	21,949
Butane (including butylene):												
Production, total	7,606	6,285	7,314	7,813	8,044	8,868	8,591	8,787	8,196	8,269	7,207	7,698
At gas processing plants	6,177	5,343	6,030	5,970	6,131	6,367	6,833	7,098	6,773	7,038	6,220	6,626
Stocks, total	18,007	15,441	15,208	16,855	19,833	23,743	25,714	29,070	30,713	30,198	28,628	25,280
Plant butane, total	16,186	13,496	13,373	14,744	17,212	20,697	24,192	27,442	29,111	28,633	26,994	23,769
At plants	15,351	12,573	12,214	13,488	15,724	19,095	22,625	25,752	27,186	26,600	25,131	22,297
Plant butane used at refineries	5,143	3,710	3,251	2,424	2,693	2,263	2,110	2,162	2,952	4,060	4,881	5,256
Supplied for domestic use, total	9,419	6,703	5,231	4,786	3,822	3,920	6,423	5,631	5,205	6,420	5,883	7,486
Plant butane	7,705	5,885	3,837	3,219	2,419	1,844	3,141	4,048	3,756	5,152	4,965	6,291
Butane-propane mixture:												
Production, total	515	603	573	613	749	602	429	508	300	407	330	326
At gas processing plants	86	89	111	100	99	96	97	90	85	99	95	91
Stocks, total	1,320	1,422	1,440	1,549	1,589	1,704	1,618	1,636	1,891	2,044	1,949	1,718
Plant butane-propane mixture, total	1,198	1,300	1,299	1,308	1,289	1,382	1,324	1,309	1,546	1,702	1,621	1,382
At plants	1,184	1,294	1,292	1,294	1,277	1,366	1,317	1,301	1,541	1,695	1,615	1,375
Supplied for domestic use, total	1,145	2,940	920	459	1,045	518	1,050	956	336	363	1,059	1,490
Plant butane-propane mixture	695	2,426	477	46	454	34	690	571	139	52	810	1,263

TABLE 23. - Revisions to tables 1, 2, 5, 9, 17, 18, and 21 for January - December 1979 (continued)

TABLE 2. - Comparative supply and disposition statistics

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Ethane-propane mixture:												
Production	5,118	4,087	5,067	4,749	4,686	4,641	5,094	5,124	4,667	5,568	5,189	5,289
Stocks	8,626	7,598	6,880	6,417	6,314	5,861	5,616	6,320	6,376	5,694	5,483	5,317
Supplied for domestic use	6,420	5,115	5,785	5,212	4,789	5,094	5,339	4,420	4,611	6,250	5,400	5,455
Isobutane:												
Production, total	3,170	2,842	3,240	3,269	3,222	3,371	3,474	3,724	3,460	3,562	3,300	3,386
At gas processing plants	3,041	2,725	3,057	3,076	3,013	3,181	3,299	3,526	3,305	3,361	3,150	3,256
Stocks, total	7,892	6,880	6,470	6,442	6,111	6,684	7,155	7,805	8,851	9,303	9,302	9,024
Plant isobutane, total	7,883	6,868	6,460	6,435	6,099	6,680	7,152	7,797	8,839	9,292	9,297	9,015
At plants	6,575	5,856	5,573	5,746	5,285	5,814	6,320	6,900	7,967	8,408	8,472	8,205
Plant isobutane used at refineries	3,553	3,740	3,465	3,101	3,349	2,600	2,827	2,881	2,263	2,908	3,145	3,538
Kerosene (including range oil):												
Production, total	6,971	7,382	5,301	5,532	5,411	4,769	5,058	4,838	5,151	5,260	5,171	6,057
At gas processing plants	4	3	3	3	3	4	4	4	3	3	3	4
Stocks, total	11,456	9,788	10,400	11,150	12,214	12,965	14,354	14,231	14,638	15,110	15,924	15,824
At plants	3	3	3	3	2	2	2	2	2	2	2	3
Supplied for domestic use	10,261	9,555	4,972	4,781	4,345	4,312	4,034	4,958	4,791	5,607	4,609	6,821
Distillate fuel oil:												
Stocks, total	175,709	127,051	112,747	115,005	123,072	141,381	171,263	195,353	220,341	231,100	236,574	228,723
At plants	14	17	19	16	13	16	20	14	13	17	20	17
Supplied for domestic use	140,842	134,168	112,435	90,192	92,673	81,206	79,126	85,927	79,773	96,227	99,331	115,378
Miscellaneous products:												
Production, total	4,081	4,158	4,227	3,338	3,317	3,029	2,719	2,847	2,988	4,040	3,717	4,255
At gas processing plants	109	104	108	114	109	100	98	100	111	114	93	87
Stocks, total	2,988	3,022	2,567	2,343	2,264	2,462	2,215	2,631	2,929	3,182	3,289	3,442
At plants	57	58	51	47	42	37	37	37	35	31	33	38
Supplied for domestic use	4,743	4,122	4,699	3,563	3,445	2,829	2,952	2,418	2,682	3,777	3,604	4,596

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

	January	February	March	April	May	June	July	August	September	October	November	December
Unaccounted for	-9,483	-5,548	+9,854	+7,163	-6,377	+12,561	+7,976	+541	+735	-3,757	+3,053	-440
Disposition by use, total	466,262	409,760	454,421	445,795	454,217	452,173	476,579	472,306	443,898	453,476	444,450	468,497
Refinery inputs, domestic crude	255,382	223,081	247,625	252,746	262,208	251,100	259,162	257,852	244,023	250,199	251,903	261,116
Refinery inputs, foreign crude	204,434	177,726	194,401	184,367	185,794	193,078	208,887	206,021	193,812	196,926	183,808	200,111
Losses	489	430	472	467	478	474	498	493	467	477	465	491

TABLE 9. - Refinery input and output

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Input												
Crude Petroleum, Total:												
Texas Gulf	111,939	98,756	108,435	107,987	110,196	106,412	111,624	108,317	99,889	100,033	95,370	104,436
P.A.D. District III, Total	203,046	179,159	194,619	195,489	200,244	194,498	196,480	201,987	185,203	193,644	181,948	199,278
P.A.D. District V, Total	74,542	65,579	72,502	70,159	73,265	72,413	75,294	76,378	71,575	75,324	74,734	75,596
* United States, Total	459,816	400,807	442,026	437,113	448,002	444,178	468,049	463,873	437,835	447,125	435,711	461,127
Domestic Crude Petroleum, Total:												
Texas Gulf	50,107	45,887	52,547	51,758	54,268	49,755	51,914	51,258	50,394	47,230	50,906	52,485
P.A.D. District III, Total	110,949	98,954	110,702	110,244	113,204	106,680	109,236	110,439	103,971	108,101	109,649	114,814
P.A.D. District V, Total	56,261	48,663	52,057	54,146	58,962	55,965	59,520	60,214	56,206	58,992	60,053	59,355
* United States, Total	255,382	223,081	247,625	252,746	262,208	251,100	259,162	257,852	244,023	250,199	251,903	261,116
Total Crude and Unfin. Rerun: Total:												
Texas Gulf	114,125	103,015	111,884	107,500	109,607	108,663	110,921	106,877	102,113	99,318	97,707	104,567
P.A.D. District III, Total	204,125	181,813	195,566	194,734	199,918	194,380	194,519	201,265	186,611	194,811	184,843	202,587
P.A.D. District V, Total	74,006	66,457	73,644	69,642	75,020	72,140	74,178	76,346	71,390	77,301	73,015	76,499
* United States, Total	462,280	403,724	444,213	435,491	452,142	445,055	465,683	464,826	437,651	447,494	432,485	465,341
Natural Gas Liquids, Total:												
Texas Gulf	5,484	4,734	5,104	4,531	4,970	4,350	4,116	4,754	4,060	4,819	5,477	5,057
P.A.D. District III, Total	10,373	8,818	9,649	8,145	8,837	8,008	7,769	8,295	7,606	8,711	9,779	9,275
P.A.D. District V, Total	1,311	1,140	1,027	746	796	759	820	930	812	903	1,014	1,090
* United States, Total	18,270	15,791	16,152	13,643	14,771	13,657	13,768	14,289	13,500	15,589	17,593	17,721
Natural Gasoline, Total:												
Texas Gulf	2,655	2,041	2,747	2,425	2,540	2,656	2,367	3,113	2,371	3,010	3,336	2,619
P.A.D. District III, Total	4,441	3,469	4,781	3,733	3,935	4,202	3,767	4,509	3,860	4,429	4,823	4,009
P.A.D. District V, Total	247	234	264	273	321	283	290	306	268	244	255	243
* United States, Total	6,605	5,303	6,708	5,657	5,955	6,532	6,390	6,942	5,983	6,488	7,030	6,415
Unfractionated Stream, Total:												
Texas Gulf	1,380	1,187	1,095	1,126	1,169	1,033	1,000	1,013	967	985	1,033	937
P.A.D. District III, Total	1,874	1,641	1,538	1,548	1,694	1,489	1,493	1,480	1,406	1,412	1,491	1,386

TABLE 23. - Revisions to tables 1, 2, 5, 9, 17, 18, and 21 for January - December 1979 (continued)

TABLE 17. - Crude oil input to refineries and refinery receipts of crude oil by origin of the crude and method of transportation

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Texas:												
Crude Oil Input to Refineries..............	125,931	111,763	122,815	123,205	125,389	120,041	126,252	122,422	110,230	114,608	109,423	119,568
By State of Origin of Domestic Crude.......	88,263	79,334	86,063	89,578	87,716	83,348	85,854	85,165	84,506	83,169	78,493	87,136
Intrastate Pipelines.......................	47,301	45,865	49,079	51,684	51,830	49,268	49,435	51,267	49,258	48,001	47,077	51,747
P.A.D. District III, Total:												
Crude Oil Input to Refineries..............	203,046	179,159	194,617	195,489	200,244	194,498	202,873	201,987	185,203	193,644	201,948	199,278
By State of Origin of Domestic Crude.......	142,387	128,033	140,298	142,494	143,911	137,705	139,191	142,026	134,963	139,329	132,590	144,078
Intrastate Pipelines.......................	71,622	68,442	73,032	74,412	75,664	78,331	72,492	75,664	70,898	72,573	70,766	76,018
California:												
Crude Oil Input to Refineries..............	59,804	52,781	57,731	56,355	61,326	59,718	60,219	61,254	57,338	60,605	60,414	60,873
By State of Origin of Domestic Crude.......	28,649	24,008	25,911	25,853	27,976	26,252	28,208	27,507	25,566	27,314	26,734	27,323
Intrastate Pipelines.......................	22,442	20,020	21,411	20,797	23,387	22,166	23,827	23,010	22,282	22,556	22,574	23,606
P.A.D. District V, Total:												
Crude Oil Input to Refineries..............	74,542	65,579	72,502	70,159	73,265	72,413	75,294	76,378	71,575	75,324	74,734	75,596
By State of Origin of Domestic Crude.......	61,528	54,277	64,453	62,713	68,444	59,511	63,141	66,747	61,802	67,200	66,214	69,424
Intrastate Pipelines.......................	23,076	20,633	22,050	22,459	23,972	22,774	24,425	23,661	22,892	23,242	23,235	24,324
* United States, Total:												
Crude Oil Input to Refineries..............	459,816	400,807	442,026	437,113	448,002	444,178	468,049	463,873	437,835	447,125	435,711	461,127
By State of Origin of Domestic Crude.......	253,847	223,485	253,586	254,083	263,474	249,066	256,364	261,453	245,795	255,220	249,402	262,533
Intrastate Pipelines.......................	116,408	109,137	117,786	118,979	122,632	117,492	120,489	123,285	115,802	117,651	118,134	121,945

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestict crude oil, by States and Districts

(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Texas:												
Total Receipts of Domestic Crude Oil.......	63,008	58,721	66,129	67,137	66,720	63,319	64,519	64,342	64,062	61,218	62,941	65,581
Intrastate Receipts........................	49,705	49,842	53,432	54,576	54,751	52,042	52,720	54,290	52,511	51,175	49,812	55,940
P.A.D. District III, Total:												
Total Receipts of Domestic Crude Oil.......	109,785	99,849	111,472	111,179	113,814	107,334	107,830	111,725	106,941	109,544	109,242	116,996
Intrastate Receipts........................	80,540	78,866	84,518	84,374	86,478	82,503	82,857	87,869	81,401	83,748	81,368	88,544
California:												
Total Receipts of Domestic Crude Oil.......	45,987	42,811	46,492	45,417	52,816	46,798	50,981	53,697	47,419	52,328	48,551	50,764
Intrastate Receipts........................	28,126	23,701	25,483	25,234	27,544	25,608	27,775	27,097	25,107	26,680	26,262	27,004
P.A.D. District V, Total:												
Total Receipts of Domestic Crude Oil.......	55,035	48,685	56,317	53,393	59,655	54,232	58,667	62,443	54,788	61,553	57,648	58,598
Intrastate Receipts........................	30,005	25,199	27,326	26,994	29,060	27,376	29,494	28,918	26,798	28,641	28,022	28,910
* United States, Total:												
Total Receipts of Domestic Crude Oil.......	253,847	223,485	253,586	254,083	263,474	249,066	256,364	261,453	245,795	255,220	249,402	262,533
Intrastate Receipts........................	134,150	125,652	136,371	135,332	40,522	134,527	137,965	142,712	132,080	136,302	135,495	141,041

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 23. - Revisions to tables 1, 2, 5, 9, 17, 18, and 21 for January - December 1979 (continued)

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied gases, by product
(Thousands of barrels)

Item	January	February	March	April	May	June	July	August	September	October	November	December
Natural gas plant products:												
Refinery Input, Total:												
Texas Gulf	5,484	4,734	5,104	4,531	4,970	4,350	4,116	4,754	4,060	5,025	5,477	5,290
P.A.D. District III	10,373	8,818	9,649	8,145	8,837	8,008	7,769	8,295	7,606	8,917	9,779	9,265
P.A.D. District V	1,311	1,140	1,027	746	796	759	820	930	812	903	1,014	1,090
*United States, Total	18,270	15,791	16,152	13,643	14,771	13,657	13,774	14,289	13,500	15,795	17,593	17,711
Natural Gasoline:												
Texas Gulf	2,655	2,041	2,747	2,425	2,540	2,656	2,367	3,113	2,371	3,010	3,336	2,619
P.A.D. District III	4,765	3,469	4,781	3,733	3,935	4,202	3,767	4,509	3,860	4,429	4,823	4,009
P.A.D. District V	247	234	264	273	321	283	290	306	268	244	255	243
*United States, Total	6,605	5,303	6,708	5,657	5,955	6,532	6,390	6,942	5,983	6,488	7,030	6,415
Unfractionated Stream [1]:												
Texas Gulf	1,380	1,187	1,095	1,126	1,169	1,033	1,000	1,013	967	985	1,033	937
P.A.D. District III	1,874	1,641	1,538	1,548	1,694	1,489	1,493	1,480	1,406	1,412	1,491	1,386
P.A.D. District V	103	113	118	92	72	75	97	71	79	71	117	104
*United States, Total	2,261	2,314	2,211	1,959	1,962	1,782	1,794	1,748	1,684	1,683	1,932	1,842
Isobutane:												
Ind., Ill., etc	704	1,245	1,116	916	1,073	391	559		610			
Minn., Wisc., etc		171										
Okla., Kans., etc	858						482	463	326		434	855
P.A.D. District II	1,738	2,108	1,751	1,384	1,645	1,031	1,164	1,127	1,028		1,218	1,522
Texas Gulf										448		
P.A.D. District III										1,435		
*United States, Total	3,553	3,740	3,465	3,101	3,044	2,600	2,827	2,881	2,263	2,908	3,145	3,538
Normal Butane:												
Ind., Ill., etc	885	228	196	108	135	400	481		587			
Minn., Wisc., etc		75										
Okla., Kans., etc	227						225	151	367		693	311
P.A.D. District II	1,466	483	685	536	528	549	767	601	1,085		2,017	1,872
Texas Gulf										308		
P.A.D. District III										1,101		
*United States, Total	3,972	2,600	2,405	1,652	1,973	1,282	1,417	1,171	2,106	2,738	3,554	3,850

[1] Includes plant condensate.
* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24a. - Production of natural gas plant liquids in the United States: January 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	465	365	-	11	20	152	-	548	110	138	-	1,261
East Coast................	366	301	-	-	-	152	-	453	88	-	-	907
Appalachian No. 1..........	99	64	-	11	20	-	-	95	22	138	-	354
P.A.D. District II, total.......	1,534	3,590	789	535	1,373	141	-	6,428	1,500	-831	13	8,644
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	379	405	-	39	86	14	-	544	77	861	1	1,862
Minn., Wisc., etc..........	-	65	-	11	29	-	-	105	30	17	-	152
Okla., Kans., etc..........	1,155	3,120	789	485	1,258	127	-	5,779	1,393	-1,709	12	6,630
P.A.D. District III, total......	6,647	9,455	4,329	2,456	3,674	613	62	20,589	5,429	1,680	731	35,076
Texas Inland..............	1,176	3,349	1,529	699	1,235	344	43	7,199	2,157	6,219	183	16,934
Texas Gulf................	2,704	2,776	2,180	774	1,370	47	9	7,156	1,118	-7,567	7	3,418
Louisiana Gulf............	2,633	2,563	458	831	815	77	4	4,748	1,674	675	521	10,251
Ark., La. Inland, etc......	45	170	-	60	75	16	6	327	90	289	16	767
New Mexico................	89	597	162	92	179	129	-	1,159	390	2,064	4	3,706
P.A.D. District IV, total.......	9	466	-	5	86	63	-	620	272	803	17	1,721
P.A.D. District V, total........	-	273	-	34	55	-	24	386	328	27	-	741
*United States, total........	8,655	14,149	5,118	3,041	5,208	969	86	28,571	7,639	1,817	761	47,443

1 Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

2 Includes net production of unfractionated stream.

Source: Form EIA-64.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24b. - Production of natural gas plant liquids in the United States: February 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	431	336	-	11	19	139	-	505	103	158	-	1,197
East Coast................	334	277	-	-	-	139	-	416	83	-	-	833
Appalachian No. 1..........	97	59	-	11	19	-	-	89	20	158	-	364
P.A.D. District II, total.......	1,524	3,086	222	399	1,058	148	-	4,913	1,241	370	13	8,061
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	383	444	-	35	75	20	-	574	75	654	1	1,687
Minn., Wisc., etc..........	-	61	-	10	26	-	-	97	26	16	-	139
Okla., Kans., etc..........	1,141	2,581	222	354	957	128	-	4,242	1,140	-300	12	6,235
P.A.D. District III, total......	6,360	8,677	3,865	2,279	3,157	593	68	18,639	6,013	493	593	32,098
Texas Inland..............	1,135	3,077	1,366	682	928	335	46	6,434	2,120	5,975	208	15,873
Texas Gulf................	2,645	2,621	2,130	728	1,326	42	8	6,855	2,048	-8,227	6	3,092
Louisiana Gulf............	2,463	2,309	234	736	684	68	8	4,039	1,448	755	359	9,064
Ark., La. Inland, etc......	25	160	-	58	73	15	6	312	86	171	18	612
New Mexico................	92	510	135	75	146	133	-	999	311	2,055	2	3,458
P.A.D. District IV, total.......	9	458	-	5	76	103	0	642	289	727	16	1,683
P.A.D. District V, total........	-	250	-	31	50	-	21	352	295	25	-	672
*United States, total........	8,324	12,807	4,087	2,725	4,360	983	89	25,051	7,941	1,773	622	43,711

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24c. - Production of natural gas plant liquids in the United States: March 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total	515	390	-	14	25	158	--	587	127	231	-	1,460
East Coast	379	308	-	-	-	158	-	466	99	-	-	944
Appalachian No. 1	136	82	-	14	25	-	-	121	28	231	-	516
P.A.D. District II, total	1,651	3,524	407	462	1,201	165	-	5,759	1,457	422	17	9,306
Appalachian No. 2	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc	441	553	-	41	89	22	-	705	88	802	1	2,037
Minn., Wisc., etc	-	74	-	12	29	-	-	115	29	27	-	171
Okla., Kans., etc	1,210	2,897	407	409	1,083	143	-	4,939	1,340	-407	16	7,098
P.A.D. District III, total	6,640	9,305	4,660	2,542	3,579	641	86	20,813	6,516	196	365	34,530
Texas Inland	1,272	3,156	1,536	694	1,012	403	60	6,861	2,301	6,852	211	17,497
Texas Gulf	2,617	2,856	2,463	844	1,502	49	9	7,723	2,170	-9,159	6	3,357
Louisiana Gulf	2,646	2,577	530	852	822	65	9	4,855	1,608	175	128	9,412
Ark., La. Inland, etc	10	168	-	71	89	18	8	354	112	21	17	514
New Mexico	95	548	131	81	154	106	-	1,020	325	2,307	3	3,750
P.A.D. District IV, total	11	493	-	5	87	109	-	694	345	839	16	1,905
P.A.D. District V, total	-	274	-	34	65	-	25	398	350	29	-	777
*United States, total	8,817	13,986	5,067	3,057	4,957	1,073	111	28,251	8,795	1,717	398	47,978

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24d. - Production of natural gas plant liquids in the United States: April 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	499	386	-	16	29	157	-	588	140	232	-	1,459
East Coast................	352	293	-	-	-	157	-	450	110	-	-	912
Appalachian No. 1..........	147	93	-	16	29	-	-	138	30	232	-	547
P.A.D. District II, total.......	1,666	3,238	197	491	1,129	146	-	5,201	1,373	758	13	9,011
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	427	530	-	38	99	22	-	689	90	772	2	1,980
Minn., Wisc., etc..........	-	79	-	11	32	-	-	122	31	33	-	186
Okla., Kans., etc..........	1,239	2,629	197	442	998	124	-	4,390	1,252	-47	11	6,845
P.A.D. District III, total......	6,814	9,396	4,552	2,534	3,613	630	73	20,798	7,206	-531	860	35,147
Texas Inland..............	1,168	3,304	1,508	745	965	388	50	6,960	2,521	6,452	443	17,544
Texas Gulf.................	2,798	2,818	2,361	809	1,584	52	8	7,632	2,478	-9,719	6	3,195
Louisiana Gulf.............	2,740	2,639	552	833	831	69	8	4,932	1,762	198	394	10,026
Ark., La. Inland, etc......	9	151	-	64	77	17	7	316	110	191	13	639
New Mexico.................	99	484	131	83	156	104	-	958	335	2,347	4	3,743
P.A.D. District IV, total.......	12	479	-	4	80	121	1	685	343	883	15	1,938
P.A.D. District V, total........	-	264	-	31	65	-	26	386	356	29	-	771
*United States, total........	8,991	13,763	4,749	3,076	4,916	1,054	100	27,658	9,418	1,371	888	48,326

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24e. - Production of natural gas plant liquids in the United States: May 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	375	305	-	3	6	162	-	476	91	127	-	1,069
East Coast................	350	287	-	-	-	162	-	449	83	-	-	882
Appalachian No. 1..........	25	18	-	3	6	-	-	27	8	127	-	187
P.A.D. District II, total.......	1,783	3,212	276	468	1,109	144	-	5,209	1,389	871	9	9,261
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	452	427	-	32	75	22	-	556	81	892	1	1,982
Minn., Wisc., etc..........	-	76	-	10	30	-	-	116	30	28	-	174
Okla., Kans., etc..........	1,331	2,709	276	426	1,004	122	-	4,537	1,278	-49	8	7,105
P.A.D. District III, total......	6,653	9,650	4,410	2,505	3,775	636	71	21,047	7,018	108	726	35,552
Texas Inland..............	1,220	3,418	1,598	721	1,086	413	44	7,280	2,654	6,426	365	17,945
Texas Gulf................	2,692	3,016	2,423	798	1,611	56	9	7,913	2,147	-9,542	7	3,217
Louisiana Gulf............	2,620	2,609	251	851	858	65	10	4,644	1,758	633	335	9,990
Ark., La. Inland, etc......	10	150	-	60	76	18	8	312	114	180	15	631
New Mexico................	111	457	138	75	144	84	-	898	345	2,411	4	3,769
P.A.D. District IV, total.......	11	453	-	5	86	138	-	682	331	928	16	1,968
P.A.D. District V, total........	-	259	-	32	75	-	28	394	385	29	-	808
* United States, total........	8,822	13,879	4,686	3,013	5,051	1,080	99	27,808	9,214	2,063	751	48,658

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24f. - Production of natural gas plant liquids in the United States: June 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	430	326	-	9	17	173	-	525	142	151	-	1,248
East Coast.................	340	273	-	-	-	173	-	446	124	-	-	910
Appalachian No. 1..........	90	53	-	9	17	-	-	79	18	151	-	338
P.A.D. District II, total.......	1,544	2,836	250	389	1,005	122	-	4,602	1,262	975	10	8,393
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	415	401	-	23	58	22	-	504	84	646	1	1,650
Minn., Wisc., etc..........	-	82	-	11	30	-	-	123	31	25	-	179
Okla., Kans., etc..........	1,129	2,353	250	355	917	100	-	3,975	1,147	304	9	6,564
P.A.D. District III, total......	6,525	9,355	4,391	2,745	4,181	604	68	21,344	6,608	-522	833	34,788
Texas Inland...............	1,152	3,327	1,611	715	1,051	409	43	7,156	2,610	6,287	470	17,675
Texas Gulf.................	2,674	2,946	2,232	1,031	2,007	54	9	8,279	1,795	-9,461	7	3,294
Louisiana Gulf.............	2,577	2,450	424	855	884	33	9	4,655	1,728	118	335	9,413
Ark., La. Inland, etc......	13	138	-	57	78	17	7	297	110	265	16	701
New Mexico.................	109	494	124	87	161	91	-	957	365	2,269	5	3,705
P.A.D. District IV, total.......	12	437	-	6	83	116	1	643	340	927	12	1,934
P.A.D. District V, total........	-	243	-	32	66	-	27	368	384	28	-	780
* United States, total........	8,511	13,197	4,641	3,181	5,352	1,015	96	27,482	8,736	1,559	855	47,143

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24g. - Production of natural gas plant liquids in the United States: July 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	498	382	-	15	28	169	-	594	163	174	-	1,429
East Coast.................	341	293	-	-	-	169	-	462	133	-	-	936
Appalachian No. 1..........	157	89	-	15	28	-	-	132	30	174	-	493
P.A.D. District II, total.......	1,697	3,218	115	468	1,186	133	-	5,120	1,470	605	11	8,903
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	433	484	-	27	68	27	-	606	90	790	1	1,920
Minn., Wisc., etc..........	-	83	-	12	32	-	-	127	34	31	-	192
Okla., Kans., etc..........	1,264	2,651	115	429	1,086	106	-	4,387	1,346	-216	10	6,791
P.A.D. District III, total......	6,655	9,182	4,979	2,781	4,414	605	70	22,031	5,627	251	821	35,385
Texas Inland...............	1,153	3,231	1,503	722	1,096	382	47	6,981	2,775	6,881	344	18,134
Texas Gulf.................	2,813	2,915	2,817	1,084	2,226	52	9	9,103	508	-8,965	7	3,466
Louisiana Gulf.............	2,547	2,404	546	841	870	32	7	4,700	1,864	-244	449	9,316
Ark., La. Inland, etc......	45	156	-	62	84	19	7	328	117	241	17	748
New Mexico.................	97	476	113	72	138	120	-	919	363	2,338	4	3,721
P.A.D. District IV, total.......	14	454	-	4	87	144	1	690	367	902	9	1,982
P.A.D. District V, total........	-	237	-	31	67	-	26	361	406	31	-	798
*United States, total........	8,864	13,473	5,094	3,299	5,782	1,051	97	28,796	8,033	1,963	841	48,497

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[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24h. - Production of natural gas plant liquids in the United States: August 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	485	370	-	14	27	175	-	586	157	211	-	1,439
East Coast.................	337	285	-	-	-	175	-	460	128	-	-	925
Appalachian No. 1..........	148	85	-	14	27	-	-	126	29	211	-	514
P.A.D. District II, total.......	1,574	3,197	309	532	1,280	127	-	5,445	1,601	-5	12	8,627
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	467	475	-	27	67	32	-	601	92	649	1	1,810
Minn., Wisc., etc..........	-	81	-	12	33	-	-	126	36	27	-	189
Okla., Kans., etc..........	1,107	2,641	309	493	1,180	95	-	4,718	1,473	-681	11	6,628
P.A.D. District III, total......	6,626	9,413	4,815	2,944	4,547	641	63	22,423	5,993	-74	936	35,904
Texas Inland..............	1,163	3,213	1,585	732	1,041	416	41	7,028	2,981	6,612	437	18,221
Texas Gulf.................	2,814	3,181	2,615	1,212	2,421	55	9	9,493	787	-9,647	5	3,452
Louisiana Gulf.............	2,494	2,388	493	859	841	31	8	4,620	1,763	333	475	9,685
Ark., La. Inland, etc......	48	161	-	61	85	18	5	330	105	236	16	735
New Mexico.................	107	470	122	80	159	121	-	952	357	2,392	3	3,811
P.A.D. District IV, total.......	14	457	-	5	81	151	1	695	361	1,013	11	2,094
P.A.D. District V, total........	-	233	-	31	69	-	26	359	386	29	-	774
*United States, total........	8,699	13,670	5,127	3,526	6,004	1,094	90	29,508	8,498	1,174	959	48,838

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.
* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24i. - Production of natural gas plant liquids in the United States: September 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	476	354	-	14	25	176	-	569	150	190	-	1,385
East Coast................	337	275	-	-	-	176	-	451	124	-	-	912
Appalachian No. 1..........	139	79	-	14	25	-	-	118	26	190	-	473
P.A.D. District II, total.......	1,649	2,817	182	462	1,132	121	-	4,714	1,350	562	12	8,287
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	452	430	-	24	60	30	-	544	84	775	1	1,856
Minn., Wisc., etc..........	-	89	-	12	28	-	-	129	46	30	-	205
Okla., Kans., etc..........	1,197	2,298	182	426	1,044	91	-	4,041	1,220	-243	11	6,226
P.A.D. District III, total......	6,140	9,103	4,485	2,793	4,404	615	61	21,461	6,924	-754	799	34,570
Texas Inland...............	1,080	3,162	1,615	730	1,040	404	39	6,990	2,791	6,496	437	17,794
Texas Gulf.................	2,502	3,012	2,615	1,199	2,303	53	8	9,190	1,962	-10,204	6	3,456
Louisiana Gulf.............	2,383	2,259	142	718	822	31	8	3,980	1,718	465	336	8,882
Ark., La. Inland, etc......	72	151	-	62	79	16	6	314	98	180	17	681
New Mexico.................	103	519	113	84	160	111	-	987	355	2,309	3	3,757
P.A.D. District IV, total.......	13	441	-	6	90	143	1	681	333	913	10	1,950
P.A.D. District V, total........	-	219	-	30	67	-	23	339	378	30	-	747
* United States, total.......	8,278	12,934	4,667	3,305	5,718	1,055	85	27,764	9,135	941	821	46,939

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24j. - Production of natural gas plant liquids in the United States: October 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	523	390	-	17	30	185	-	622	154	227	-	1,526
East Coast................	350	293	-	-	-	185	-	478	123	-	-	951
Appalachian No. 1..........	173	97	-	17	30	-	-	144	31	227	-	575
P.A.D. District II, total.......	1,939	3,361	1,297	546	1,245	139	-	6,588	1,550	-830	13	9,260
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	470	492	-	28	74	34	-	628	93	780	2	1,973
Minn., Wisc., etc..........	-	86	-	11	26	-	-	123	40	27	-	190
Okla., Kans., etc..........	1,469	2,783	1,297	507	1,145	105	-	5,837	1,417	-1,637	11	7,097
P.A.D. District III, total......	6,297	9,857	4,271	2,761	4,420	681	72	22,062	5,821	1,186	844	36,210
Texas Inland..............	1,133	3,253	764	598	1,079	453	50	6,197	2,699	8,041	389	18,459
Texas Gulf................	2,444	3,261	2,827	1,081	2,047	53	9	9,278	742	-9,084	6	3,386
Louisiana Gulf............	2,553	2,615	566	870	931	28	6	5,016	1,887	-236	423	9,643
Ark., La. Inland, etc......	66	171	-	123	182	18	7	501	103	256	21	947
New Mexico................	101	557	114	89	181	129	-	1,070	390	2,209	5	3,775
P.A.D. District IV, total.......	32	483	-	6	95	164	1	749	360	891	15	2,047
P.A.D. District V, total........	-	235	-	31	79	-	26	371	373	31	-	775
*United States, total.......	8,791	14,326	5,568	3,361	5,869	1,169	99	30,392	8,258	1,505	872	49,818

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 24k. - Production of natural gas plant liquids in the United States: November 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	527	384	-	16	29	173	-	602	140	236	-	1,505
East Coast................	349	288	-	-	-	173	-	461	110	-	-	920
Appalachian No. 1..........	178	96	-	16	29	-	-	141	30	236	-	585
P.A.D. District II, total.......	1,926	3,098	111	445	1,082	149	-	4,885	1,335	1,872	10	10,028
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	423	520	-	34	84	32	-	670	85	837	2	2,017
Minn., Wisc., etc.........	-	91	-	13	29	-	-	133	46	25	-	204
Okla., Kans., etc..........	1,503	2,487	111	398	969	117	-	4,082	1,204	1,010	8	7,807
P.A.D. District III, total......	6,035	9,286	5,078	2,654	3,879	592	68	21,557	9,458	-1,753	785	36,082
Texas Inland..............	1,063	3,166	1,610	703	1,030	404	44	6,957	2,585	6,928	372	17,905
Texas Gulf................	2,348	3,051	3,016	928	1,713	57	9	8,774	4,715	-12,525	5	3,317
Louisiana Gulf............	2,450	2,421	289	822	811	27	8	4,378	1,671	1,275	379	10,153
Ark., La. Inland, etc......	72	168	-	108	139	17	7	439	101	248	25	885
New Mexico................	102	480	163	93	186	87	-	1,009	386	2,321	4	3,822
P.A.D. District IV, total.......	11	481	-	5	88	152	1	727	352	838	19	1,947
P.A.D. District V, total........	-	231	-	30	76	-	26	363	322	29	-	714
* United States, total........	8,499	13,480	5,189	3,150	5,154	1,066	95	28,134	11,607	1,222	814	50,276

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 241. - Production of natural gas plant liquids in the United States: December 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	563	395	-	17	30	179	-	621	145	233	-	1,562
East Coast.................	377	295	-	-	-	179	-	474	115	-	-	966
Appalachian No. 1..........	186	100	-	17	30	-	-	147	30	233	-	596
P.A.D. District II, total.......	2,091	3,477	150	504	1,297	172	-	5,600	1,435	807	18	9,951
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc.............	492	552	-	35	96	37	-	720	88	753	2	2,055
Minn., Wisc., etc..........	-	88	-	10	28	-	-	126	44	28	-	198
Okla., Kans., etc..........	1,599	2,837	150	459	1,173	135	-	4,754	1,303	26	16	7,698
P.A.D. District III, total......	6,716	9,997	5,139	2,697	4,006	642	64	22,545	6,478	-251	736	36,224
Texas Inland..............	1,134	3,234	1,656	666	1,051	406	39	7,052	2,518	6,901	349	17,954
Texas Gulf................	2,597	3,316	2,886	973	1,766	64	12	9,017	1,727	-9,972	5	3,374
Louisiana Gulf.............	2,832	2,835	505	865	859	45	6	5,115	1,786	225	360	10,318
Ark., La. Inland, etc......	57	161	-	104	153	16	7	441	108	258	18	882
New Mexico................	96	451	92	89	177	111	-	920	339	2,337	4	3,696
P.A.D. District IV, total.......	13	490	-	7	89	149	1	736	360	850	17	1,976
P.A.D. District V, total........	-	233	-	31	62	-	26	352	302	29	-	683
*United States, total........	9,383	14,592	5,289	3,256	5,484	1,142	91	29,854	8,720	1,668	771	50,396

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.
* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25a. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: January 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,165	-	35	87	36	-	2,323	15	-	-	2,338	-	3
East Coast..........	-	941	-	10	30	36	-	1,017	2	-	-	1,019	-	-
Appalachian No. 1....	-	1,224	-	25	57	-	-	1,306	13	-	-	1,319	-	3
P.A.D. District II, total.	2,960	23,023	406	881	2,525	54	67	29,956	1,291	580	8	31,795	762	598
Appalachian No. 2....	-	22	-	-	38	-	-	60	-	-	-	60	96	-
Ind., Ill., etc......	809	3,674	-	276	793	16	12	4,771	40	101	7	5,728	82	335
Minn., Wisc., etc....	-	369	-	3	15	-	-	387	12	1	-	400	48	110
Okla., Kans., etc....	2,151	18,958	406	602	1,679	38	55	21,738	1,239	478	1	25,607	536	153
P.A.D. District III, total	4,106	43,580	8,220	5,518	11,255	1,126	1,115	70,814	3,236	3,142	314	81,612	1,626	1,466
Texas Inland.........	1,398	5,002	230	378	1,014	94	659	7,377	506	1,053	162	10,496	81	438
Texas Gulf...........	2,089	21,663	7,956	2,108	5,268	517	22	37,534	1,519	1,672	3	42,817	957	832
Louisiana Gulf.......	527	5,895	-	2,763	4,336	6	432	13,432	1,049	267	109	15,384	565	107
Ark., La. Inland, etc	19	10,779	-	248	585	484	1	12,097	25	130	39	12,310	12	51
New Mexico...........	73	241	34	21	52	25	1	374	137	20	1	605	11	38
P.A.D. District IV, total.	-	133	-	1	52	18	-	204	167	25	4	400	104	48
P.A.D. District V, total..	-	273	-	140	113	85	2	613	18	2	-	633	143	16
*United States, total.	7,066	69,174	8,626	6,575	14,032	1,319	1,184	100,910	4,727	3,749	326	116,778	2,635	2,131

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25b.- Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: February 28, 1979(revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	1,586	-	16	90	40	-	1,732	33	-	0	1,765	-	3
East Coast..........	-	925	-	12	28	40	-	1,005	1	-	-	1,006	-	-
Appalachian No. 1....	-	661	-	4	62	-	-	727	32	-	-	759	-	3
P.A.D. District II, total.	2,840	19,458	103	741	2,648	47	200	23,197	1,274	559	9	27,879	786	602
Appalachian No. 2....	-	60	-	-	-	-	-	60	-	-	-	60	19	-
Ind., Ill., etc......	874	3,286	-	239	884	16	123	4,548	35	96	7	5,560	87	296
Minn., Wisc., etc....	-	168	-	5	7	-	-	180	16	1	-	197	50	155
Okla., Kans., etc....	1,966	15,944	103	497	1,757	31	77	18,409	1,223	462	2	22,062	630	151
P.A.D. District III, total	3,906	37,590	7,495	5,024	8,345	1,202	1,092	60,748	3,736	3,027	324	71,741	1,264	1,503
Texas Inland.........	1,267	4,476	203	338	961	82	663	6,723	566	1,061	189	9,906	93	471
Texas Gulf...........	1,776	19,594	7,247	2,016	3,299	591	9	32,756	1,768	1,541	4	37,845	758	899
Louisiana Gulf.......	678	5,451	-	2,645	3,546	6	418	12,066	1,250	271	94	14,359	396	77
Ark., La. Inland, etc	18	7,815	-	8	499	499	1	8,822	20	133	37	9,030	12	33
New Mexico...........	67	254	45	17	40	24	1	381	132	21	-	601	5	23
P.A.D. District IV, total.	1	175	-	2	52	13	-	242	172	26	4	445	117	56
P.A.D. District V, total..	-	153	-	73	70	66	2	364	15	2	-	381	153	6
*United States, total.	6,747	58,962	7,598	5,856	11,205	1,368	1,294	86,283	5,230	3,614	337	102,211	2,320	2,170

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25c. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: March 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	1,567	-	43	106	27	-	1,743	26	-	-	1,769		3
East Coast...........	-	972	-	10	28	27	-	1,037	2	-	-	1,039	-	-
Appalachian No. 1....	-	595	-	33	78	-	-	706	24	-	-	740	-	3
P.A.D. District II, total.	2,813	19,374	324	856	2,864	47	249	23,714	1,365	626	9	28,527	762	668
Appalachian No. 2....	-	61	-	-	-	-	-	61	-	-	-	61	36	-
Ind., Ill., etc......	864	3,095	-	263	678	17	123	4,182	49	98	7	5,200	91	314
Minn., Wisc., etc....	-	165	-	2	2	-	-	169	15	1	-	185	92	210
Okla., Kans., etc....	1,949	16,053	324	585	2,184	30	126	19,302	1,301	527	2	23,081	543	144
P.A.D. District III, total	3,451	35,122	6,556	4,666	7,387	1,610	1,040	56,381	4,454	2,894	309	67,489	1,413	966
Texas Inland.........	1,228	4,024	335	323	942	114	650	6,388	597	1,154	187	9,554	83	21
Texas Gulf...........	1,550	17,876	6,208	1,793	2,785	933	28	29,623	2,443	1,364	3	34,983	839	684
Louisiana Gulf.......	600	6,059	-	2,474	3,266	7	360	12,166	1,230	289	82	14,367	472	165
Ark., La. Inland, etc	53	6,988	-	70	370	514	1	7,943	65	71	36	8,168	11	71
New Mexico...........	20	175	13	6	24	42	1	261	119	16	1	417	8	25
P.A.D. District IV, total.	-	153	-	1	56	15	-	225	178	22	3	428	116	77
P.A.D. District V, total..	-	89	-	7	53	49	3	201	20	2	-	223	133	3
*United States, total.	6,264	56,305	6,880	5,573	10,466	1,748	1,292	82,264	6,043	3,544	321	98,436	2,424	1,717

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25d.- Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: April 30, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	1,863	-	64	72	37	-	2,036	30	-	-	2,066	-	3
East Coast..........	-	996	-	20	12	-	-	1,028	5	-	-	1,033	-	-
Appalachian No. 1....	-	867	-	44	60	-	-	971	25	-	-	996	-	3
P.A.D. District II, total.	2,893	19,984	504	1,101	3,322	120	222	25,253	1,544	581	9	30,280	649	530
Appalachian No. 2....	-	62	-	-	-	-	-	62	-	-	-	62	46	-
Ind., Ill., etc......	840	3,098	-	496	629	15	111	4,349	25	95	7	5,316	83	323
Minn., Wisc., etc....	-	224	-	11	6	-	-	241	12	2	-	255	60	78
Okla., Kans., etc....	2,053	16,600	504	594	2,687	105	111	20,601	1,507	484	2	24,647	460	129
P.A.D. District III, total	3,659	35,516	5,913	4,558	8,167	1,590	1,069	56,813	4,926	2,726	459	68,583	1,638	800
Texas Inland.........	1,192	4,119	237	378	995	120	716	6,565	578	1,182	335	9,852	68	20
Texas Gulf...........	1,809	17,422	5,633	1,768	3,406	899	24	29,152	2,531	1,215	4	34,711	1,043	577
Louisiana Gulf.......	590	6,630	-	2,331	3,220	10	327	12,518	1,650	188	94	15,040	506	117
Ark., La. Inland, etc	2	7,093	-	58	486	526	1	8,164	17	124	25	8,332	9	65
New Mexico...........	66	252	43	23	60	35	1	414	150	17	1	648	12	21
P.A.D. District IV, total.	1	153	-	1	56	15	-	225	184	22	4	436	112	63
P.A.D. District V, total..	-	78	-	22	56	53	3	212	16	1	-	229	94	19
* United States, total.	6,553	57,594	6,417	5,746	11,673	1,815	1,294	84,539	6,700	3,330	472	101,594	2,493	1,415

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25e. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: May 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,346	-	41	47	45	-	2,479	20	-	-	2,499	-	4
East Coast..........	-	1,029	-	15	29	45	-	1,118	6	-	-	1,124	-	-
Appalachian No. 1....	-	1,317	-	26	18	-	-	1,361	14	-	-	1,375	-	4
P.A.D. District II, total.	2,663	22,046	578	964	4,174	128	208	28,098	1,860	761	9	33,391	733	510
Appalachian No. 2....	-	20	-	-	41	-	-	61	-	-	-	61	49	-
Ind., Ill., etc......	676	3,440	-	355	706	8	111	4,620	41	99	8	5,444	88	311
Minn., Wisc., etc....	-	369	-	2	7	-	-	378	30	1	-	409	122	51
Okla., Kans., etc....	1,987	18,217	578	607	3,420	120	97	23,039	1,789	661	1	27,477	474	148
P.A.D. District III, total	3,498	36,454	5,736	4,230	9,166	1,925	1,067	58,578	5,018	2,963	420	70,477	1,960	850
Texas Inland.........	1,221	4,139	437	514	1,267	158	645	7,160	636	1,335	361	10,713	59	35
Texas Gulf...........	1,565	17,705	5,290	1,578	3,936	1,137	19	29,665	2,409	1,385	4	35,028	1,430	595
Louisiana Gulf.......	628	6,827	-	2,114	3,473	5	350	12,769	1,791	56	33	15,277	451	136
Ark., La. Inland, etc	13	7,501	-	6	445	592	52	8,596	26	153	21	8,809	10	57
New Mexico...........	71	282	9	18	45	33	1	388	156	34	1	650	10	27
P.A.D. District IV, total.	-	117	-	2	56	22	-	197	174	21	4	396	90	63
P.A.D. District V, total..	-	109	-	48	96	65	2	320	17	2	-	339	84	17
*United States, total.	6,161	61,072	6,314	5,285	13,539	2,185	1,277	89,672	7,089	3,747	433	107,102	2,867	1,444

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defines as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25f. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: June 30, 1979(revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	2,745	-	69	108	50	-	2,972	34	-	-	3,006	-	3
East Coast..........	-	1,080	-	13	26	50	-	1,169	5	-	-	1,174	-	-
Appalachian No. 1....	-	1,665	-	56	82	-	-	1,803	29	-	-	1,832	-	3
P.A.D. District II, total.	2,751	24,559	387	1,075	5,090	156	337	31,604	1,869	897	9	37,130	775	515
Appalachian No. 2....	-	60	-	-	2	-	-	62	-	-	-	62	91	-
Ind., Ill., etc......	671	4,102	-	556	867	6	111	5,642	61	103	8	6,485	103	320
Minn., Wisc., etc....	-	274	-	3	10	-	-	287	44	2	-	333	95	72
Okla., Kans., etc....	2,080	20,123	387	516	4,211	150	226	25,613	1,764	792	1	30,250	486	123
P.A.D. District III, total	3,571	37,059	5,474	4,593	11,294	2,053	1,027	61,500	4,874	3,052	426	73,423	1,901	920
Texas Inland.........	1,217	4,325	467	589	1,431	153	657	7,622	673	1,303	314	11,129	43	26
Texas Gulf...........	1,550	17,480	4,992	2,071	5,605	1,233	31	31,412	2,213	1,535	5	36,715	1,355	615
Louisiana Gulf.......	732	6,772	-	1,901	3,664	4	338	12,679	1,808	29	91	15,339	477	177
Ark., La. Inland, etc	14	8,237	-	9	549	645	-	9,440	25	166	16	9,661	14	70
New Mexico...........	58	245	15	23	45	18	1	347	155	19	-	579	12	32
P.A.D. District IV, total.	1	119	-	2	100	16	-	237	182	24	5	449	66	49
P.A.D. District V, total..	-	198	-	75	154	74	2	503	18	2	-	523	90	10
*United States, total.	6,323	64,680	5,861	5,814	16,746	2,349	1,366	96,816	6,977	3,975	440	114,531	2,832	1,497

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25g. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: July 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,373	-	70	82	55	-	3,580	16	-	-	3,596	-	3
East Coast..........	-	1,138	-	11	23	55	-	1,227	4	-	-	1,231	-	-
Appalachian No. 1....	-	2,235	-	59	59	-	-	2,353	12	-	-	2,365	-	3
P.A.D. District II, total.	3,530	26,248	284	1,093	6,060	172	283	34,140	1,875	866	10	40,421	822	589
Appalachian No. 2....	-	62	-	-	-	-	-	62	-	-	-	62	130	-
Ind., Ill., etc......	847	4,183	-	394	1,100	11	111	5,799	47	95	-	6,788	94	306
Minn., Wisc., etc....	-	392	-	4	10	-	-	406	64	2	9	481	127	116
Okla., Kans., etc....	2,683	21,611	284	695	4,950	161	172	27,873	1,764	769	1	33,090	471	167
P.A.D. District III, total	3,376	38,325	5,332	5,072	13,482	2,342	1,031	65,584	5,587	3,586	385	78,518	1,905	930
Texas Inland........	842	4,449	-	510	1,593	194	633	7,379	650	1,369	242	10,482	41	34
Texas Gulf..........	1,674	17,923	332	2,770	7,428	1,405	28	29,886	2,529	2,009	3	36,101	1,306	636
Louisiana Gulf.......	789	6,758	4,976	1,766	3,831	4	368	17,703	2,231	26	122	20,871	540	148
Ark., La. Inland, etc	13	8,922	-	6	580	693	1	10,202	25	166	18	10,424	11	72
New Mexico..........	58	273	24	20	50	46	1	414	152	16	-	640	7	40
P.A.D. District IV, total.	-	121	-	2	101	17	-	241	172	20	5	438	70	54
P.A.D. District V, total..	-	311	-	83	226	88	3	711	20	1	-	732	75	11
* United States, total.	6,906	68,378	5,616	6,320	19,951	2,674	1,317	104,256	7,760	4,473	400	123,705	2,872	1,587

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25h. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: August 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,855	-	34	107	34	-	4,030	25	-	-	4,055	-	2
East Coast..........	-	1,211	-	-	36	34	-	1,281	-	-	-	1,281	-	-
Appalachian No. 1....	-	2,644	-	34	71	-	-	2,749	25	-	-	2,774	-	2
P.A.D. District II, total.	2,658	27,528	760	998	6,733	166	159	36,344	1,900	530	3	41,435	932	659
Appalachian No. 2....	-	64	-	-	3	-	-	67	-	-	-	67	183	-
Ind., Ill., etc......	410	4,332	-	441	979	14	-	5,766	35	97	-	6,308	97	380
Minn., Wisc., etc....	-	371	-	5	10	-	-	386	57	1	2	446	105	104
Okla., Kans., etc....	2,248	22,761	760	552	5,741	152	159	30,125	1,808	432	1	34,614	547	175
P.A.D. District III, total	3,507	38,809	5,560	5,783	15,695	2,543	1,140	69,530	5,889	3,668	361	82,955	1,825	676
Texas Inland.........	1,126	4,439	274	557	1,590	237	663	7,760	631	1,061	255	10,833	50	17
Texas Gulf...........	1,531	18,181	5,269	3,578	9,350	1,400	31	37,809	2,779	2,338	4	44,461	1,377	459
Louisiana Gulf.......	807	6,680	-	1,523	4,034	4	443	12,684	2,307	73	79	15,950	379	104
Ark., La. Inland, etc	1	9,176	-	108	675	882	2	10,843	21	157	22	11,044	9	59
New Mexico...........	42	333	17	17	46	20	1	434	151	39	1	667	10	37
P.A.D. District IV, total.	-	135	-	2	100	15	-	252	173	22	4	451	69	67
P.A.D. District V, total..	-	370	-	83	250	109	2	814	18	3	-	835	72	15
*United States, total.	6,165	70,697	6,320	6,900	22,885	2,867	1,301	110,970	8,005	4,223	368	129,731	2,898	1,419

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25i. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: September 30, 1979(revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	4,339	-	36	132	34	-	4,541	41	-	-	4,582	-	3
East Coast..........	-	1,218	-	-	35	34	-	1,287	6	-	-	1,293	-	-
Appalachian No. 1....	-	3,121	-	36	97	-	-	3,254	35	-	-	3,289	-	3
P.A.D. District II, total.	3,706	28,707	698	1,073	6,813	135	368	37,794	1,820	814	3	44,137	919	514
Appalachian No. 2....	-	40	-	-	22	-	-	62	-	-	-	62	243	-
Ind., Ill., etc......	597	4,245	-	263	922	13	111	5,554	42	97	2	6,292	74	313
Minn., Wisc., etc....	-	416	-	6	4	-	-	426	16	1	-	443	150	65
Okla., Kans., etc....	3,109	24,006	698	804	5,865	122	257	31,752	1,762	716	1	37,340	452	136
P.A.D. District III, total	2,383	37,489	5,678	6,767	17,024	2,539	1,171	70,668	5,901	2,987	368	82,307	2,076	601
Texas Inland.........	841	4,742	303	613	1,570	263	671	8,162	620	1,147	252	11,022	37	28
Texas Gulf..........	619	16,661	5,346	4,009	10,860	1,285	31	38,197	2,675	1,679	4	43,169	1,494	335
Louisiana Gulf.......	880	6,208	-	2,012	3,720	5	467	12,412	2,389	63	92	15,836	527	142
Ark., La. Inland, etc	1	9,545	-	110	825	956	1	11,437	40	62	19	11,559	10	69
New Mexico..........	42	333	29	23	49	30	1	465	177	36	1	721	8	27
P.A.D. District IV, total.	-	161	-	2	101	16	-	280	51	19	5	355	43	48
P.A.D. District V, total..	-	437	-	89	271	121	2	920	15	3	-	938	78	20
* United States, total.	6,089	71,133	6,376	7,967	24,341	2,845	1,541	114,203	7,828	3,823	376	132,319	3,116	1,186

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defines as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25j. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: October 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	4,047	-	35	129	26	-	4,237	31	-	-	4,268	-	3
East Coast..........	-	1,334	-	-	39	26	-	1,399	4	-	-	1,403	-	-
Appalachian No. 1....	-	2,713	-	35	90	-	-	2,838	27	-	-	2,865	-	3
P.A.D. District II, total.	3,927	27,402	516	1,207	6,359	82	387	35,953	1,697	762	4	42,343	997	724
Appalachian No. 2....	-	9	-	-	53	-	-	62	-	-	-	62	257	-
Ind., Ill., etc......	708	3,773	-	290	916	15	111	5,105	30	94	3	5,940	106	373
Minn., Wisc., etc....	-	360	-	2	6	-	-	368	27	1	-	396	165	170
Okla., Kans., etc....	3,219	23,260	516	915	5,384	67	276	30,418	1,640	667	1	35,945	469	181
P.A.D. District III, total	2,473	35,584	5,178	7,014	17,208	2,251	1,306	68,541	6,620	3,155	329	81,118	2,181	617
Texas Inland.........	640	4,959	430	542	1,637	311	739	8,618	669	1,458	221	11,606	22	37
Texas Gulf...........	1,091	15,493	4,727	4,123	11,189	1,071	9	36,612	3,253	1,511	5	42,472	1,576	380
Louisiana Gulf.......	708	5,498	-	2,144	3,432	5	556	11,635	2,480	64	87	14,974	565	89
Ark., La. Inland, etc	1	9,290	-	176	903	846	1	11,216	36	88	16	11,357	9	71
New Mexico...........	33	344	21	29	47	18	1	460	182	34	-	709	9	40
P.A.D. District IV, total.	1	183	-	2	99	16	-	300	160	23	4	488	98	31
P.A.D. District V, total..	-	516	-	150	297	133	2	1,098	19	2	-	1,119	48	14
*United States, total.	6,401	67,732	5,694	8,408	24,092	2,508	1,695	110,129	8,527	3,942	337	129,336	3,324	1,389

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 25k. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: November 30, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,853	-	29	189	28	-	4,099	40	-	-	4,139	-	3
East Coast..........	-	1,275	-	-	47	28	-	1,350	2	-	-	1,352	-	-
Appalachian No. 1....	-	2,578	-	29	142	-	-	2,749	38	-	-	2,787	-	3
P.A.D. District II, total.	3,254	25,511	446	1,563	5,267	78	297	33,162	1,595	930	5	38,946	968	488
Appalachian No. 2....	-	24	-	-	39	-	-	63	-	-	-	63	267	-
Ind., Ill., etc......	97	3,314	-	436	717	15	-	4,482	36	96	4	4,715	99	195
Minn., Wisc., etc....	561	853	-	1	13	-	111	978	9	2	-	1,550	116	94
Okla., Kans., etc....	2,596	21,320	446	1,126	4,498	63	186	27,639	1,550	832	1	32,618	486	199
P.A.D. District III, total	2,369	34,163	5,037	6,732	16,752	2,317	1,317	66,318	7,081	2,881	286	78,935	1,770	743
Texas Inland.........	677	5,139	316	542	1,565	312	673	8,547	754	1,169	186	11,333	32	25
Texas Gulf..........	1,121	14,181	4,683	3,937	10,858	1,159	21	34,839	3,898	1,488	4	41,350	1,333	488
Louisiana Gulf.......	543	5,265	-	2,123	3,115	4	621	11,128	2,241	61	80	14,053	389	125
Ark., La. Inland, etc	-	9,292	-	107	1,158	776	1	11,334	16	129	16	11,495	10	69
New Mexico..........	28	286	38	23	56	66	1	470	172	34	-	704	6	36
P.A.D. District IV, total.	-	140	-	2	99	14	-	255	162	25	4	446	66	39
P.A.D. District V, total..	-	496	-	146	264	123	1	1,030	18	2	-	1,050	68	7
*United States, total.	5,623	64,163	5,483	8,472	22,571	2,560	1,615	104,864	8,896	3,838	295	123,516	2,872	1,280

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defines as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 251. - Stocks of natural gas liquids at plants, terminals, refineries and pipelines in the United States: December 31, 1979 (revised)

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,866	-	44	149	44	-	4,103	21	-	-	4,124	-	4
East Coast...........	-	1,391	-	-	19	44	-	1,454	5	-	-	1,459	-	-
Appalachian No. 1....	-	2,475	-	44	130	-	-	2,649	16	-	-	2,665	-	4
P.A.D. District II, total.	3,061	24,739	441	1,743	4,568	80	107	31,678	1,503	689	5	36,936	918	363
Appalachian No. 2....	-	63	-	-	-	-	-	63	-	-	-	63	210	-
Ind., Ill., etc......	88	3,534	-	445	924	15	-	4,918	32	92	4	5,134	89	58
Minn., Wisc., etc....	976	661	-	1	125	-	-	787	20	3	-	1,786	84	57
Okla., Kans., etc....	1,997	20,481	441	1,297	3,519	65	107	25,910	1,451	594	1	29,953	535	248
P.A.D. District III, total	2,696	30,354	4,876	6,267	14,759	2,285	1,266	59,807	7,156	3,493	291	73,443	1,412	748
Texas Inland.........	763	5,130	296	421	1,384	334	653	8,218	717	1,141	184	11,023	32	35
Texas Gulf...........	1,354	12,677	4,562	3,542	9,382	1,197	25	31,385	3,847	2,137	5	38,728	1,023	484
Louisiana Gulf.......	548	4,535	-	2,219	2,815	9	586	10,164	2,392	73	79	13,256	341	121
Ark., La. Inland, etc	-	7,771	-	58	1,110	682	1	9,622	33	105	22	9,782	9	76
New Mexico...........	31	241	18	27	68	63	1	418	167	37	1	654	7	32
P.A.D. District IV, total.	-	158	-	2	100	16	-	276	168	21	5	470	53	92
P.A.D. District V, total..	-	392	-	149	188	108	2	839	21	2	-	862	46	8
*United States, total.	5,757	59,509	5,317	8,205	19,764	2,533	1,375	96,703	8,869	4,205	301	11,835	2,429	1,215

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 26. - New Basis January 1, 1979 stocks

TABLE 1. - Supply, disposition, and stocks of all oils

Stocks all oils:	
Natural gasoline (including isopentane)	6,912
Unfractionated stream (including plant condensate)	4,211
Refined products	788,871
Total	1,285,492

TABLE 2. - Comparative supply and disposition statistics

Isopentane:	
Stocks at plants	164
Natural gasoline:	
Stocks, total	6,748
At plants	5,025
Unfractionated stream (including plant condensate):	
Stocks, total	4,211
At plants	3,635
Finished gasoline:	
Stocks, total	240,931
At plants	237
Motor gasoline:	
Stocks, total	238,022
At plants	137
Aviation gasoline:	
Stocks, total	2,909
At plants	100
Ethane:	
Stocks, total	6,848
At plants	6,848
Liquefied gases:	
Stocks, total	129,257
At plants	118,983
Propane:	
Stocks, total	85,934
At plants	80,216
Butane:	
Stocks, total	23,413
At plants	20,256
Butane-propane mixture:	
Stocks, total	1,576
At plants	1,418
Ethane-propane mixture:	
Stocks	9,928
Isobutane	
Stocks, total	8,406
At plants	7,165
Kerosene:	
Stocks, total	14,337
At plants	3
Distillate fuel oil:	
Stocks, total	216,390
At plants	23
Miscellaneous products:	
Stocks, total	3,536
At plants	57

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Petroleum Statement, Monthly

CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

May 1980

UNIVERSITY OF ILLINOIS
AT URBANA-CHAMPAIGN
MAY
DEPOSITORY

Production of crude petroleum (including lease condensate) in the United States* ring May averaged 8,640,000 barrels per day, a decrease of 48,000 barrels per y below the April level, reports the Energy Information Administration, United States partment of Energy. Compared with May of last year, this represented an increase of ,000 barrels per day, or 0.6 percent. Imports of crude oil for the month of May eraged 5,071,000 barrels per day, representing a decrease of 484,000 barrels per day low the April 1980 level and a decrease of 1,189,000 barrels per day, or 19.0 percent low the amount reported for May 1979. There were no imports of crude oil into the rategic Petroleum Reserve during May 1980. Stocks of crude oil at the end of May taled 475,093,000 barrels as compared with 470,543,000 barrels at the end of the evious month and 403,235,000 barrels at the end of May 1979. At the end of May, ocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during May was 13,658,000 rrels per day. This figure reflects a decrease of 107,000 barrels per day, or 0.8 rcent below that reported for April 1980 and a decrease of 1,083,000 barrels per day, 7.3 percent below the May 1979 level. The operating ratio of all refineries in the ited States* during May averaged 74.9 percent of the total operable crude oil distillaon capacity. This compares with 75.5 percent in April 1980 and 83.8 percent in May 79. These ratios are based upon the beginning-of-the-month operable capacities of ,240,000 barrels per day for May, 18,227,000 barrels per day for April 1980, and ,548,000 barrels per day for May 1979.

Production of products at natural gas processing plants during May averaged 1,555,000 rrels per day compared with 1,626,000 barrels per day for the previous month and 1,570,000 rrels per day during May 1979. Stocks of these products at natural gas processing plants, rminals, and pipelines at the end of May totaled 115,073,000 barrels. This was 8.0 million rrels above the stocks on April 30, 1980 and 8.0 million barrels above those at the end of y 1979.

Total disposition of primary supply of all oils in May averaged 16,731,000 barrels per y. It included 16,143,000 barrels per day of products supplied for domestic use, crude il exports of 308,000 barrels per day, refined products exports of 266,000 barrels per day, d crude oil losses of 14,000 barrels per day. Compared with May of last year, total oducts supplied for domestic use decreased by 1,679,000 barrels per day, or 9.4 percent. ring this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for , 15, and 14 percent, respectively, of the total products supplied for domestic use. tural gasoline supplied for domestic use during May averaged 134,000 barrels per day. is is a substantial increase compared to the previous months of 1980 and is the result correcting data reporting problems that arose after modification of the natural gas iquids reporting system. Data for the first four months of 1980 will be revised and blished in the June 1980 issue of this publication.

The unadjusted producer price index (1967=100) for crude petroleum was 540.1 for y 1980, compared with 533.9 for April 1980 and 335.6 for May 1979 reports the Bureau of bor Statistics publication, Producer Price Indexes-May 1980. The unadjusted producer rice index for refined products was 680.6 for May 1980, compared with 678.0 for April 80, and 399.5 for May 1979.

Jnited States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus he District of Columbia.

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TABLE 1. - Supply, disposition, and stocks of all oils

	Item	May 1980		April 1980		May 1979	January - May (Incl.) (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	50,452	1,627	49,482	1,649	1,350	248,944	201,613
(2)	Lower 48 states	217,377	7,012	211,167	7,039	7,235	1,069,867	1,086,734
(3)	Total U.S	267,829	8,640	260,649	8,688	8,585	1,318,811	1,288,347
	Imports:							
(4)	Imports (gross excl. SPR)[1]	157,205	5,071	166,663	5,555	6,163	872,492	952,839
(5)	SPR imports	-	-	-	-	97	-	20,120
(6)	Exports[2]	-9,533	-308	-6,488	-216	-171	-44,647	-38,122
(7)	Imports (net including SPR)	147,672	4,764	160,175	5,339	6,089	827,845	934,837
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-	-	-	-	-97	-	-20,020
(9)	Other stock withdrawals (plus) or additions (minus)	-4,550	-147	-17,610	-587	+110	-44,822	-6,440
(10)	Used directly & losses	-866	-28	-856	-29	-29	-4,464	-4,569
(11)	Unaccounted for[3]	+3,022	+97	-1,064	-35	-206	-13,978	-4,391
(12)	Total other source	-2,394	-77	-19,530	-651	-222	-63,264	-35,420
(13)	Crude input to refineries (13) = (3) + (7) + (12)	413,107	13,326	401,294	13,376	14,452	2,083,392	2,187,764
	Natural gas plant liquids (NGPL):							
(14)	Production	48,195	1,555	48,768	1,626	1,570	244,544	236,116
(15)	Imports	249	8	304	10	13	1,839	2,149
(16)	Stock withdrawals (plus) or additions (minus)	-25	-1	-1,189	-40	-27	-2,293	-1,157
(17)	Total NGPL Supply	48,419	1,562	47,883	1,596	1,555	244,090	237,108
	Other liquids:							
	Unfinished oils:							
(18)	Imports	2,731	+88	1,884	63	69	11,779	5,663
(19)	Stock withdrawals (plus) or additions (minus)	-7,210	-233	-7,570	-252	+64	-12,927	+2,496
(20)	Net reruns, input (plus) output (minus)	-4,479	-144	-5,686	-190	+134	-1,148	+8,159
(21)	Other hydrocarbons	1,483	48	1,483	49	39	8,065	5,106
(22)	Refinery processing gain	16,249	524	17,319	577	509	90,842	70,487
(23)	Crude used directly	423	14	425	14	14	2,233	2,233
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	13,676	441	13,541	451	695	99,992	85,985
(25)	Total production of refined products (25) = (13) + (17) + (24)	475,202	15,329	462,718	15,424	16,702	2,427,474	2,510,857
	Refined product imports:							
(26)	Imports (gross)	42,824	1,381	40,698	1,357	1,744	245,406	299,546
(27)	Exports[2]	-8,242	-266	-7,234	-241	-278	-36,660	-35,067
(28)	Imports (net)	34,582	1,116	33,464	1,115	1,466	208,746	264,479
(29)	Total new supply of products (29) = (25) + (28)	509,784	16,445	496,182	16,539	18,168	2,636,220	2,775,336
(30)	Refined products stock withdrawn (plus) or added (minus)	-9,352	-302	+2,309	+77	-346	+14,897	+131,311
(31)	Total products supplied for domestic use (31) = (29) + (30)	500,432	16,143	498,491	16,616	17,822	2,651,117	2,906,647
(32)	Motor gasoline	208,501	6,726	203,976	6,799	7,203	998,841	1,076,240
(33)	Distillate fuel oil	74,448	2,402	78,902	2,630	2,989	474,801	570,310
(34)	Residual fuel oil	69,242	2,234	73,027	2,434	2,519	403,122	463,613
(35)	Jet fuel, total	31,465	1,015	33,152	1,105	1,008	164,426	159,739
(36)	Liquefied gases	27,049	873	24,862	829	927	180,976	202,795
(37)	Other	89,727	2,894	84,572	2,819	3,176	428,951	433,950
(38)	Total products supplied (38) = (32) through (37)	500,432	16,143	498,491	16,616	17,822	2,651,117	2,906,647
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	383,902	---	379,352	---	316,355*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	86,880*	---	---
(41)	Unfinished oils	130,579	---	123,369	---	106,227*	---	---
(42)	Natural gasoline[4] and unfractionated stream[5]	16,582	---	16,557	---	12,280*	---	---
(43)	Refined products	764,828	---	755,476	---	657,560*	---	---
(44)	Total	1,387,082	---	1,365,945	---	1,179,302*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Forms ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

*Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

TABLE 2. - Comparative supply and disposition statistics

Item	May 1980		April 1980		May 1979	January - May (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
nput to crude oil distillation units.	423,413	13,658	412,935	13,765	14,741	2,145,683	2,227,534
ane:							
ction	820	26	747	25	23	3,244	3,827
s at plants	606	---	500	---	102*	606	102
at refineries	714	23	517	17	22	2,946	3,889
ied for domestic use	-	-	-	-	-	-	-
gasoline:							
ction	8,628	278	8,042	268	274	41,054	39,180
s, total	11,264	---	11,630	---	7,838*	11,264	7,838
refineries	788	---	818	---	851*	788	851
plants	10,476	---	10,812	---	6,987*	10,476	6,987
ts	-	-	-	-	-	-	-
at refineries	4,848	156	7,286	243	170	34,943	26,339
ied for domestic use	4,146	134	61	2	94	4,405	11,751
ionated stream (including Plant sate):							
ction	1,709	55	2,243	75	67	9,401	8,741
s, total	4,712	---	4,427	---	4,340*	4,712	4,340
refineries	275	---	231	---	593*	275	593
plants	4,437	---	4,196	---	3,747*	4,437	3,747
rts	249	8	304	10	13	1,839	2,149
at refineries	1,664	54	2,272	76	63	10,891	10,707
ied for domestic use	9	(s)	11	(s)	1	60	54
ed gasoline:							
uction, total	196,582	6,341	189,541	6,318	6,834	1,007,344	1,045,744
refineries	196,021	6,323	189,008	6,300	6,818	1,004,873	1,043,414
gas processing plants	561	18	533	18	17	2,471	2,330
s, total	265,992	---	274,998	---	229,714*	265,992	229,714
refineries	265,750	---	274,703	---	229,460*	265,750	229,460
plants	242	---	295	---	254*	242	254
rts	4,093	132	4,552	152	145	22,228	24,381
rts	30	1	15	1	2	81	235
ied for domestic use	209,651	6,763	204,911	6,830	7,242	1,003,839	1,081,107
tor gasoline:							
Production, total	195,604	6,310	188,541	6,285	6,800	1,002,141	1,041,319
At refineries	195,099	6,294	188,050	6,268	6,786	999,961	1,039,343
At gas processing plants	505	16	491	16	14	2,180	1,976
Stocks, total	263,068	---	271,902	---	227,247*	263,068	227,247
At refineries	262,938	---	271,729	---	227,193*	262,938	227,193
At plants	130	---	173	---	54*	130	54
Imports	4,093	132	4,552	152	145	22,228	24,381
Exports	30	1	15	1	2	81	235
Supplied for domestic use	208,501	6,726	203,976	6,799	7,203	998,841	1,076,240
iation gasoline:							
Production, total	978	32	1,000	33	34	5,203	4,425
At refineries	922	30	958	32	32	4,912	4,071
At gas processing plants	56	2	42	1	2	291	354
Stocks, total	2,924	---	3,096	---	2,467*	2,924	2,467
At refineries	2,812	---	2,974	---	2,267*	2,812	2,267
At plants	112	---	122	---	200*	112	200
Imports	-	-	-	-	-	-	-
Supplied for domestic use	1,150	37	935	31	39	4,998	4,867
el, total:							
luction	31,041	1,001	30,685	1,023	976	154,556	152,833
ks	41,310	---	39,339	---	37,547*	41,310	37,547
rts	2,457	79	3,221	107	75	12,943	10,954
rts	62	2	76	3	1	283	168
lied for domestic use	31,465	1,015	33,152	1,105	1,008	164,426	159,739
phtha-type:							
Production, total	5,237	169	5,492	183	181	27,481	25,992
At refineries	5,237	169	5,492	183	181	27,481	25,992
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	5,613	---	5,911	---	5,779*	5,613	5,779
At refineries	5,613	---	5,911	---	5,779*	5,613	5,779
At plants	-	---	-	---	-*	-	-
Imports	1,114	36	1,154	38	17	5,363	2,335
Exports	-	-	-	-	-	20	1
Supplied for domestic use	6,649	214	6,598	220	194	32,805	28,507
rosene-type:							
Production	25,804	832	25,193	840	795	127,075	126,841
Stocks	35,697	---	33,428	---	31,768*	35,697	31,768
Imports	1,343	43	2,067	69	59	7,580	8,619
Exports	62	2	76	3	1	263	167
Supplied for domestic use	24,816	801	26,554	885	814	131,621	131,232

otnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	May 1980		April 1980		May 1979	January - May (I (1,000 Bbls.	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	197
Ethane (including ethylene):							
Production, total	8,646	279	8,462	282	296	44,400	44,
At refineries	123	4	187	6	11	1,001	1,
At gas processing plants	8,523	275	8,275	276	285	43,399	43,
Stocks, total	3,666	---	3,816	---	6,161*	3,666	6,
At refineries	-	---	-	---	-*	-	
At plants	3,666	---	3,816	---	6,161*	3,666	6,
Imports	1,854	60	1,919	64	122	8,768	8,
Exports	-	-	-	-	-	1	
Supplied for domestic use, total	10,650	344	10,915	364	430	55,258	54,
Refinery ethane/ethylene	123	4	187	6	11	1,001	1,
Plant ethane	10,527	340	10,728	358	419	54,257	52,
Liquefied gases:							
Production, total	37,658	1,215	38,563	1,285	1,275	194,250	188,
At refineries (L.R.G.), total	9,938	321	9,851	328	378	50,448	51,
For fuel use	7,064	228	6,910	230	264	36,157	34,
For chemical use	2,874	93	2,941	98	113	14,291	16,
At gas processing plants (L.P.G.)	27,720	894	28,712	957	897	143,802	137,
Stocks, total	103,956	---	96,223	---	99,773*	103,956	99,
L.R.G., total	5,206	---	5,470	---	7,234*	5,206	7,
For fuel use	4,980	---	5,322	---	6,729*	4,980	6,
For chemical use	226	---	148	---	505*	226	
L.P.G., total	98,750	---	90,753	---	92,539*	98,750	92,
At refineries	3,273	---	3,447	---	2,867*	3,273	2,
At plants	95,477	---	87,306	---	89,672*	95,477	89,
Imports	3,703	119	2,251	75	120	23,077	24,
Exports	529	17	573	19	11	3,492	2,
L.P.G. used at refineries	6,050	195	5,144	171	221	34,035	37,
Supplied for domestic use, total	27,049	873	24,862	829	927	180,976	202,
L.R.G. for fuel use	7,406	239	6,906	230	214	37,053	35,
L.R.G. for chemical use	2,796	90	2,948	98	104	14,189	16,
L.P.G. for fuel and chemical use	16,847	543	15,008	500	608	129,734	151,
Propane (including propylene):							
Production, total	20,695	668	21,520	717	736	109,250	109,
At refineries, total	7,994	258	8,165	272	288	42,221	40,
For fuel use	5,725	185	5,729	191	194	30,606	27,
For chemical use	2,269	73	2,436	81	94	11,615	13,
At gas processing plants	12,701	410	13,355	445	448	67,029	68,
Stocks, total	55,837	---	51,849	---	65,926*	55,837	65,
Refinery propane/propylene, total	3,675	---	3,696	---	4,301*	3,675	4,
For fuel use	3,486	---	3,585	---	3,825*	3,486	3,
For chemical use	189	---	111	---	476*	189	
Plant propane, total	52,162	---	48,153	---	61,625*	52,162	61,
At refineries	305	---	403	---	553*	305	
At plants	51,857	---	47,750	---	61,072*	51,857	61,
Imports	779	25	1,342	45	52	10,800	12,
Exports	240	8	296	10	6	1,759	1,
Plant propane used at refineries	553	18	448	15	21	2,229	2,
Supplied for domestic use, total	16,693	538	16,701	557	608	124,018	138,
Refinery propane/propylene, total	8,015	259	8,174	272	248	42,690	41,
For fuel use	5,824	188	5,728	191	163	31,157	28,
For chemical use	2,191	71	2,446	82	85	11,533	13,
Plant propane	8,678	280	8,527	284	361	81,328	96,
Butane (including butylene):							
Production, total	7,772	251	7,619	254	259	37,367	37,
At refineries, total	1,623	52	1,343	45	62	6,414	7,
For fuel use	1,070	35	933	31	52	4,329	5,
For chemical use	553	18	410	14	10	2,085	1,
At gas processing plants	6,149	198	6,276	209	198	30,953	29,
Stocks, total	26,356	---	24,169	---	19,833*	26,356	19,
Refinery butane/butylene, total	1,252	---	1,442	---	2,621*	1,252	2,
For fuel use	1,244	---	1,429	---	2,606*	1,244	2,
For chemical use	8	---	13	---	15*	8	
Plant butane, total	25,104	---	22,727	---	17,212*	25,104	17,
At refineries	2,028	---	1,851	---	1,488*	2,028	1,
At plants	23,076	---	20,876	---	15,724*	23,076	15,
Imports	1,011	33	816	27	51	8,973	7,
Exports	289	9	277	9	5	1,733	1,
Plant butane used at refineries	2,812	91	2,140	71	87	17,425	17,
Supplied for domestic use, total	3,495	113	3,796	127	123	26,106	29,
Refinery butane/butylene, total	1,813	58	1,346	45	45	6,673	6,
For fuel use	1,255	40	937	31	35	4,589	4,
For chemical use	558	18	409	14	10	2,084	1,
Plant butane	1,682	54	2,450	82	78	19,433	23,

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	May 1980		April 1980		May 1979	January - May (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
fied gases (continued):							
ane-propane mixture:							
roduction, total	365	12	372	12	24	1,756	3,053
At refineries, total	277	9	269	9	21	1,287	2,568
For fuel use	269	9	248	8	19	1,222	2,243
For chemical use	8	(s)	21	1	2	65	325
At gas processing plants	88	3	103	3	3	469	485
tocks, total	2,012	---	1,780	---	1,589*	2,012	1,589
Refinery butane-propane mixture, total	262	---	316	---	300*	262	300
For fuel use	250	---	308	---	298*	250	298
For chemical use	12	---	8	---	2*	12	2
Plant butane-propane mixture, total	1,750	---	1,464	---	1,289*	1,750	1,289
At refineries	9	---	9	---	12*	9	12
At plants	1,741	---	1,455	---	1,277*	1,741	1,277
mports	1,913	62	93	3	16	3,304	4,630
lant butane-propane mixture used at refineries	195	6	170	6	6	943	1,161
upplied for domestic use, total	1,851	60	346	12	34	3,823	6,509
Refinery butane-propane mixture, total	331	11	262	9	19	1,361	2,411
For fuel use	327	11	241	8	17	1,307	2,086
For chemical use	4	(s)	21	1	2	54	325
Plant butane-propane mixture	1,520	49	84	3	15	2,462	4,098
ane-propane mixture:							
roduction	5,719	184	5,831	194	151	29,913	23,707
tocks	8,719	---	7,967	---	6,314*	8,719	6,314
mports	-	-	-	-	-	-	-
upplied for domestic use	4,967	160	3,947	132	154	26,511	27,321
butane:							
roduction, total	3,107	100	3,221	107	104	15,964	15,743
At refineries	44	1	74	- 2	7	526	831
At gas processing plants	3,063	99	3,147	105	97	15,438	14,912
tocks, total	11,032	---	10,458	---	6,111*	11,032	6,111
Refinery isobutane	17	---	16	---	12*	17	12
Plant isobutane, total	11,015	---	10,442	---	6,099*	11,015	6,099
At refineries	931	---	1,184	---	814*	931	814
At plants	10,084	---	9,258	---	5,285*	10,084	5,285
lant isobutane used at refineries	2,490	80	2,386	80	108	13,438	17,208
upplied for domestic use:							
Refinery isobutane for chemical use	43	1	72	2	7	518	830
sene (including range oil):							
oduction, total	3,608	116	4,313	144	175	23,140	30,597
At refineries	3,605	116	4,309	144	174	23,122	30,581
At gas processing plants	3	(s)	4	(s)	(s)	18	16
ocks, total	13,761	---	13,428	---	12,214*	13,761	12,214
At refineries	13,758	---	13,425	---	12,212*	13,758	12,212
At plants	3	---	3	---	2*	3	2
ports	228	7	287	10	-	2,163	1,205
ports	1	(s)	2	(s)	(s)	6	11
oplied for domestic use	3,502	113	4,242	141	140	27,360	33,914
illate fuel oil:							
oduction, total	76,615	2,471	73,874	2,462	3,065	404,297	449,187
At refineries	76,600	2,471	73,860	2,462	3,064	404,224	449,121
At gas processing plants	15	(s)	14	(s)	(s)	73	66
ude used directly as distillate	43	1	48	2	1	224	224
ocks, total	183,096	---	177,027	---	123,072*	183,096	123,072
At refineries, total	183,072	---	177,006	---	123,059*	183,072	123,059
No. 4 fuel oil	2,961	---	2,636	---	2,798*	2,961	2,798
Other	180,111	---	174,370	---	120,261*	180,111	120,261
At plants	24	---	21	---	13*	24	13
ports	3,894	126	4,401	147	185	25,790	28,138
ports	35	1	73	2	2	1,137	557
pplied for domestic use	74,448	2,402	78,902	2,630	2,989	474,801	570,310
dual fuel oil:							
oduction	46,729	1,507	47,716	1,591	1,588	249,538	261,075
ude used directly as residual	380	12	377	13	12	2,009	2,009
ocks	87,639	---	85,219	---	84,855*	87,639	84,855
ports	[2] 25,169	812	23,079	769	1,051	145,881	196,375
ports	616	20	1,195	40	8	2,526	1,195
pplied for domestic use	69,242	2,234	73,027	2,434	2,519	403,122	463,613
ochemical feedstocks (excluding ethane liquefied gases)[1]:							
oduction	23,384	754	25,539	851	718	125,275	98,352
ocks	6,702	---	5,909	---	3,475*	6,702	3,475
ports, total	865	28	474	16	7	2,510	1,264
Naphtha-400	-	-	-	-	-	-	-
Other	865	28	474	16	7	2,510	1,264
ports, total	825	27	987	33	35	4,125	4,602
Naphtha-400	147	5	181	6	5	908	847
Other	678	22	806	27	30	3,217	3,755
pplied for domestic use, total	22,631	730	25,227	841	708	120,953	95,981
Still gas	1,172	38	1,634	54	45	7,093	6,480
Naphtha-400	8,203	265	8,302	277	268	41,247	33,952
Other	13,256	428	15,291	510	395	72,613	55,549

footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	May 1980		April 1980		May 1979	January - May (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Special naphthas:							
Production, total	3,180	103	2,774	92	105	16,020	14,766
At refineries	3,061	99	2,678	89	102	15,426	14,302
At gas processing plants	119	4	96	3	4	594	464
Stocks, total	4,581	---	4,294	---	3,699*	4,581	3,699
At refineries	4,501	---	4,242	---	3,577*	4,501	3,577
At plants	80	---	52	---	122*	80	122
Imports	121	4	188	6	22	449	1,922
Exports	286	9	193	6	15	758	673
Supplied for domestic use	2,728	88	3,246	108	115	15,388	16,443
Lubricants:							
Production	5,824	188	5,579	186	207	27,950	29,479
Stocks	12,454	---	11,845	---	11,595*	12,454	11,595
Imports	260	8	245	8	12	1,097	1,381
Exports, total	862	28	782	26	24	3,922	3,294
Grease	19	1	18	1	1	90	108
Oil	843	27	764	25	23	3,832	3,186
Supplied for domestic use	4,613	149	5,117	171	207	25,220	28,204
Wax (1 bbl. = 280 lbs.):							
Production	508	16	520	17	20	2,566	2,790
Stocks	630	---	677	---	660*	630	660
Imports	-	-	-	-	-	-	-
Exports	59	2	52	2	2	283	292
Supplied for domestic use	496	16	466	16	17	2,384	2,597
Coke (5 bbls. = 1 short ton):							
Production, total	11,310	365	10,814	360	386	55,840	56,010
Marketable coke	6,440	208	6,244	208	212	31,548	30,032
Catalyst coke	4,870	157	4,570	152	175	24,292	25,978
Stocks	5,553	---	6,633	---	11,214*	5,553	11,214
Exports	4,910	158	3,258	109	178	19,933	21,438
Supplied for domestic use	7,480	241	7,633	254	211	35,564	34,426
Asphalt (5.5 bbls. = 1 short ton):							
Production	11,987	387	10,658	355	483	53,251	56,177
Stocks	32,912	---	33,786	---	30,745*	32,912	30,745
Imports	145	5	57	2	2	305	185
Exports	12	(s)	11	(s)	(s)	49	53
Supplied for domestic use	12,994	419	8,416	281	518	39,636	46,408
Road oil:							
Production	368	12	149	5	12	929	1,122
Stocks	679	---	564	---	572*	679	572
Supplied for domestic use	253	8	121	4	16	594	778
Still gas for fuel:							
Production	16,637	537	15,650	522	568	80,994	83,766
Miscellaneous products:							
Production, total	2,597	84	2,528	84	107	14,461	19,121
At refineries	2,500	81	2,426	81	103	13,973	18,577
At gas processing plants	97	3	102	3	4	488	544
Stocks, total	1,897	---	1,718	---	2,264*	1,897	2,264
At refineries	1,835	---	1,679	---	2,222*	1,835	2,222
At plants	62	---	39	---	42*	62	42
Imports	35	1	24	1	2	195	243
Exports	15	(s)	17	1	(s)	64	64
Supplied for domestic use	2,438	79	2,532	84	111	16,137	20,572
Unfinished oils (net):							
Input (plus) Output (minus)	-4,479	-144	-5,686	-190	+134	-1,148	+8,159
Stocks	130,579	---	123,369	---	106,227*	130,579	106,227
Imports	2,731	88	1,884	63	69	11,779	5,663

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

* Stock: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.
"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 198.

TABLE 3. – Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	May 1980		April 1980	May	January – May (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,571	115.2	113.1	4,023	17,762	19,914
New York	*75	2.4	2.4	71	355	320
Pennsylvania	365	11.8	11.6	338	1,641	1,642
Virginia	-	-	-	-	-	-
West Virginia	*220	7.1	6.6	205	777	984
Total	*4,231	136.5	133.7	4,637	20,535	22,860
District II:						
Illinois	1,980	63.9	63.2	1,900	9,575	8,675
Indiana	*419	13.5	12.5	415	1,848	1,764
Kansas	5,147	166.0	167.9	4,933	24,539	22,871
Kentucky	521	16.8	16.2	492	2,336	2,198
Michigan	*2,906	93.7	93.3	3,040	13,542	14,394
Missouri	8	0.3	0.2	4	26	23
Nebraska	540	17.4	17.1	525	2,552	2,477
North Dakota	3,269	105.5	108.4	2,567	15,946	11,652
Ohio	*1,065	34.4	35.0	999	5,263	5,511
Oklahoma	12,419	400.6	395.1	13,024	61,421	59,258
South Dakota	72	2.3	2.2	75	327	356
Tennessee	56	1.8	1.7	53	243	220
Total	*28,402	916.2	912.7	28,027	137,618	129,399
District III:						
Alabama	1,865	60.2	53.4	1,685	8,908	8,042
Arkansas	1,562	50.4	51.1	1,617	7,713	7,894
Louisiana, total	*40,822	1,316.8	1,318.6	42,197	201,867	204,639
Gulf Coast	37,966	1,224.7	1,227.4	39,646	188,237	191,892
Rest of State	2,856	92.1	91.2	2,551	13,630	12,747
Mississippi	3,025	97.6	97.2	3,391	15,681	16,188
New Mexico, total	6,396	206.3	210.0	6,750	32,619	32,610
Southeastern	5,912	190.7	192.2	6,333	29,879	30,306
Northwestern	484	15.6	17.8	417	2,740	2,304
Texas, total	*83,273	2,686.2	2,710.8	87,088	410,570	426,933
District 01	1,612	52.0	53.4	1,640	8,055	8,111
District 02	4,100	132.3	134.0	4,606	20,480	22,562
District 03	10,918	352.2	357.7	10,876	52,294	53,649
District 04	2,580	83.2	85.5	2,564	12,986	12,757
District 05	920	29.7	30.3	1,016	4,650	5,157
District 06, except East Texas	4,292	138.5	140.6	4,552	21,500	22,720
East Texas	4,991	161.0	162.5	5,126	24,578	25,150
District 07B	2,410	77.7	79.2	2,392	11,831	11,757
District 07C	2,692	86.8	87.8	2,556	13,203	12,539
District 08	20,525	662.1	665.2	21,290	101,135	104,239
District 08A	23,761	766.5	767.7	26,024	117,863	126,830
District 09	2,887	93.1	93.6	2,831	14,071	13,619
District 10	1,585	51.1	53.2	1,615	7,924	7,843
Total	*136,943	4,417.5	4,441.1	142,728	677,358	696,306
District IV:						
Colorado	2,413	77.8	81.3	2,787	12,248	13,793
Montana	2,474	79.8	82.6	2,561	12,443	11,944
Utah	2,032	65.6	68.0	2,310	10,377	11,372
Wyoming	*10,804	348.5	350.5	11,157	52,790	54,525
Total	*17,723	571.7	582.3	18,815	87,858	91,634
District V:						
Alaska[2]	50,452	1,627.5	1,649.4	41,846	248,944	201,613
Arizona	31	1.0	1.1	37	181	191
California, total	29,969	966.7	965.3	29,915	145,884	145,828
South	7,083	228.5	230.6	7,487	34,948	37,152
Central Coastal	4,720	152.3	152.2	5,114	24,176	25,150
East Central	18,148	585.4	582.0	17,293	86,675	83,421
North	18	0.6	0.6	21	85	105
Nevada	78	2.5	2.7	119	433	516
Total	80,530	2,597.7	2,618.5	71,917	395,442	348,148
**United States, total	*267,829	8,639.7	8,688.3	266,124	1,318,811	1,288,347
Pennsylvania Crade (included above)	*1,363	44.0	43.7	1,283	6,257	6,641

Sources: ERA-182, the U.S. Geological Survey, and State Conservation Agencies.

[1] Includes offshore production.

[2] North Slope Production: Current month, 47,646; Year-to-date, 234,294.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

** United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State[1]

(Thousands of barrels)

State	May 1980		April 1980	May 1979	January - May (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Alaska[2]	2,806	90.5	91.1	3,326	13,963	17,003
California, total	4,012	129.4	129.2	4,392	21,402	21,951
Federal	825	26.6	26.6	916	4,213	4,601
State	3,187	102.8	102.6	3,476	17,189	17,350
Louisiana, total	24,963	805.3	805.3	25,456	123,214	121,570
Federal	22,562	727.8	729.1	22,808	111,526	108,836
State	2,401	77.5	76.2	2,648	11,688	12,734
Texas, total	928	29.9	33.7	542	4,190	2,234
Federal	753	24.3	28.2	296	3,259	1,118
State	175	5.7	5.6	246	931	1,116
*United States, total	32,709	1,055.1	1,059.3	33,716	162,769	162,758

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundaries.

Note: Daily Average columns may not add due to independent rounding.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 4. - Production of lease condensate by State [1]

(Thousands of barrels)

State	May 1980		April 1980	May	January - May (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alabama	1,021	32.9	29.1	752	4,891	3,495
California	17	0.6	0.6	18	89	93
Louisiana	6,238	201.2	208.8	6,521	31,936	31,449
Mississippi	*94	3.0	3.0	130	577	619
New Mexico	471	15.2	15.7	417	2,364	1,970
Oklahoma	652	21.0	16.6	565	2,919	2,494
Texas	3,019	97.4	102.1	2,986	16,008	14,736
Total	*11,512	371.4	375.8	11,389	58,784	54,856

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

Supply and Disposition	May 1980		April 1980	May	January - May (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Supply:						
Production	267,829	8,640	8,688	266,124	1,318,811	1,288,347
Imports	157,205	5,071	5,555	194,079	872,492	972,959
Total new supply	425,034	13,711	14,244	460,203	2,191,303	2,261,306
Stock changes:						
Domestic crude	+10,492	+338	+201	-5,283	+38,877	+7,124
Foreign crude	-5,942	-192	+386	+4,892	+5,945	+19,336
Unaccounted for [1]	+3,022	+97	-35	-6,377	-13,978	-4,391
Disposition by use, total	423,506	13,661	13,621	454,217	2,132,503	2,230,455
Refinery inputs, domestic crude	253,079	8,164	8,179	262,208	1,223,831	1,241,042
Refinery inputs, foreign crude	160,028	5,162	5,197	185,794	859,561	946,722
Exports	9,533	308	216	5,314	44,647	38,122
Transfers	423	14	14	423	2,233	2,233
Losses	443	14	14	478	2,231	2,336

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522 and EM 594; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	May 1980		April 1980	May	January - May (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,685	118.9	92.2	3,525	16,515	20,845
New York	74	2.4	2.4	71	343	320
Pennsylvania	468	15.1	10.6	312	1,540	1,594
Virginia	-	-	-	-	-	-
West Virginia	320	10.3	5.2	211	872	938
Total	4,547	146.7	110.4	4,119	19,270	23,697
District II:						
Illinois	2,005	64.7	51.1	1,919	9,352	9,033
Indiana	344	11.1	11.5	262	1,762	1,690
Kansas	4,693	151.4	171.2	4,846	23,023	22,614
Kentucky	384	12.4	39.9	402	2,271	2,210
Michigan	2,342	75.6	90.5	3,184	12,885	14,613
Missouri	8	0.3	0.2	4	26	23
Nebraska	321	10.4	11.3	533	2,274	2,522
North Dakota	3,235	104.4	108.9	2,419	15,771	11,387
Ohio	1,210	39.0	31.9	1,148	5,816	5,393
Oklahoma	12,349	398.4	389.4	13,148	61,046	60,644
South Dakota	72	2.3	2.2	75	328	356
Tennessee	51	1.7	2.1	50	237	219
Total	27,014	871.4	910.2	27,990	134,791	130,704
District III:						
Alabama	1,957	63.1	63.7	1,507	8,975	7,743
Arkansas	1,495	48.2	44.5	1,551	7,499	7,856
Louisiana	40,806	1,316.3	1,292.7	40,702	199,582	202,804
Mississippi	3,397	109.6	89.6	3,643	14,786	16,365
New Mexico	6,155	198.6	208.9	6,674	31,304	32,111
Texas	77,183	2,489.8	2,628.6	89,019	397,352	420,055
Total	130,993	4,225.6	4,328.0	143,096	659,498	686,934
District IV:						
Colorado	2,239	72.2	82.8	2,574	11,978	13,402
Montana	1,483	47.8	80.4	2,616	11,151	11,638
Utah	1,686	54.4	65.9	2,589	9,888	11,499
Wyoming	9,782	315.6	313.3	10,377	48,248	50,877
Total	15,190	490.0	542.4	18,156	81,265	87,416
District V:						
Alaska	49,473	1,595.9	1,614.3	45,865	241,332	204,452
Arizona	31	1.0	1.1	37	181	191
California	30,014	968.2	977.5	32,021	143,180	147,311
Nevada	75	2.4	3.0	123	417	518
Total	79,593	2,567.5	2,596.0	78,046	385,110	352,472
*United States:						
Domestic crude	257,337	8,301.2	8,487.0	271,407	1,279,934	1,281,223
Foreign crude	163,147	5,262.8	5,169.7	189,187	866,547	953,623
Total	420,484	13,564.0	13,656.7	460,594	2,146,481	2,234,846
Pennsylvania Grade (included above)	1,690	54.5	6.9	1,401	6,089	6,536

Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

Note: Daily Average columns may not add due to independent rounding.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	May 31, 1980	April 30, 1980	May 31, 1980				April 30, 1980
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland	-	-	1,755	-	-	1,755	1,983
Florida, Georgia, NC, VA, W. VA	3,454	3,668	2,207	546	50	2,803	2,618
New Hampshire, New York, Rhode Island	16	15	878	1,239	-	2,117	2,463
New Jersey	-	-	7,990	-	-	7,990	7,284
Pennsylvania	570	673	6,423	810	24	7,257	8,694
Total	4,040	4,356	19,253	2,595	74	21,922	23,042
District II:							
Illinois	2,314	2,339	5,591	18,320	75	23,986	23,229
Indiana	541	466	1,499	3,316	4	4,819	4,780
Iowa, Missouri, Nebraska	763	544	359	8,169	25	8,553	8,788
Kansas	5,742	5,288	2,755	8,177	230	11,162	11,079
Kentucky, Tennessee	318	176	1,132	4,113	11	5,256	5,492
Michigan	3,229	2,665	1,200	2,411	126	3,737	3,319
Minnesota, Wisconsin	-	-	2,849	2,802	-	5,651	5,403
North Dakota, South Dakota	2,098	2,064	205	949	120	1,274	1,416
Ohio	1,543	1,688	2,313	3,337	97	5,747	5,841
Oklahoma	15,589	15,519	2,218	24,351	690	27,259	28,012
Total	32,137	30,749	20,121	75,945	1,378	97,444	97,359
District III:							
Alabama	317	409	1,186	836	38	2,060	2,271
Arkansas	1,146	1,079	247	1,481	57	1,785	1,862
Louisiana	27,899	27,883	18,967	72,873	2,082	93,922	96,512
Mississippi	2,862	3,234	2,532	4,828	182	7,542	7,732
New Mexico	9,338	9,097	838	3,186	2,326	6,350	5,423
Texas	109,317	103,227	35,217	105,588	15,212	156,017	151,814
Total	150,879	144,929	58,987	[1] 188,792	19,897	[2] 267,676	265,614
District IV:							
Colorado	2,022	1,848	298	850	155	1,303	1,331
Montana	4,288	3,297	1,407	1,810	544	3,761	3,199
Utah	1,745	1,399	954	967	274	2,195	2,053
Wyoming	23,187	22,165	1,432	11,000	414	12,846	12,244
Total	31,242	28,709	4,091	14,627	1,387	20,105	18,827
District V:							
California	23,621	23,666	27,139	14,958	1,584	43,681	41,339
Other States[3]	43,229	42,247	8,287	15,931	47	24,265	24,362
Total	66,850	65,913	35,426	30,889	1,631	67,946	65,701
* United States:							
Domestic crude	[4]285,148	274,656	79,411	181,370	24,367	285,148	274,656
Foreign crude	189,945	195,887	58,467	131,478	-	[5]189,945	195,887
Total	475,093	470,543	137,878	312,848	24,367	475,093	470,543

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 164,257 located in Texas-Louisiana Culf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Cregon, and Washington.

[4] Includes 1,827 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 16,290; District II, 23,959; District III, 139,522; District IV, 825; District V, District V, 9,349.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: May 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast	41.6	0.2	0.7	25.5	13.6	5.0	13.4
Appalachian # 1	41.7	0.7	1.0	23.7	7.7	3.9	21.3
Appalachian # 2	55.0	0.8	2.7	18.3	7.8	-	15.4
Indiana, Illinois, etc	55.0	0.5	1.0	19.0	5.9	6.2	12.4
Minnesota, Wisconsin, etc	50.0	-	0.2	26.1	4.7	4.0	15.0
Oklahoma, Kansas, etc	53.5	1.1	-	24.6	2.3	6.0	12.5
Texas Inland	44.4	1.1	0.4	23.9	7.2	8.2	14.8
Texas Gulf	40.3	1.2	1.6	14.5	11.1	6.0	25.3
Louisiana Gulf	43.4	0.3	1.2	18.5	10.8	11.0	14.8
Arkansas, Louisiana Inland, etc	23.7	5.4	0.1	27.4	13.2	3.3	26.9
New Mexico	39.6	-	1.2	25.3	14.0	8.7	11.2
Rocky Mountain	45.5	-	0.1	30.4	6.7	6.3	11.0
West Coast	41.7	0.7	0.3	13.8	21.6	10.9	11.0
* U.S. Totals:							
May 1980	44.3	0.8	0.9	18.7	11.4	7.6	16.3
April 1980	43.5	0.7	1.1	18.7	12.1	7.7	16.2
May 1979	42.5	0.7	1.2	21.3	11.1	6.8	16.4

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: May 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United* States
	East Coast	Appa-lachian #1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	40,256	4,954	45,210	1,550	55,656	7,506	29,076	93,788	13,609	100,790	68,150	5,788	2,088	190,425	12,564	71,120	413,107
Domestic	4,242	3,402	7,644	476	32,599	3,050	24,504	60,629	11,904	57,333	40,585	4,792	2,059	116,673	11,191	56,942	253,079
Foreign	36,014	1,552	37,566	1,074	[1] 23,057	4,456	4,572	[1] 33,159	1,705	43,457	27,565	996	29	73,752	1,373	14,178	[1] 160,028
Unfinished oils rerun (net)	-331	-155	-486	+20	+300	+36	-2,336	-1,980	+742	-599	-2,211	-15	-	-2,093	+199	-119	-4,479
Total crude and unfin. rerun	39,925	4,799	44,724	1,570	55,956	7,542	26,740	91,808	14,351	100,191	65,929	5,773	2,088	188,332	12,763	71,001	408,628
Natural gas liquids, total	154	17	171	96	2,305	299	1,484	4,184	441	3,794	2,370	523	146	7,574	465	882	13,276
L.P.G.	-	11	11	96	1,488	221	740	2,545	337	811	1,358	99	29	2,634	298	562	6,050
Natural gasoline	154	3	157	-	727	78	703	1,508	354	1,958	905	148	116	3,481	127	289	5,562
Unfractionated stream	-	3	3	-	90	-	41	131	50	1,025	107	276	1	1,459	40	31	1,664
Other hydrocarbons	64	13	77	-	200	-	29	229	45	522	193	-	-	760	28	389	1,483
Output																	
Gasoline, total	16,830	2,033	18,863	958	33,202	4,069	15,819	54,048	7,154	44,717	31,207	1,889	973	85,940	6,297	30,873	196,021
Motor gasoline	16,803	2,033	18,836	958	33,131	4,069	15,797	53,955	7,144	44,442	31,018	1,889	973	85,466	6,260	30,582	195,099
Aviation gasoline	27	-	27	-	71	-	22	93	10	275	189	-	-	474	37	291	922
Jet fuel, total	2,015	187	2,202	-	3,490	307	1,613	5,410	1,184	6,075	7,268	193	181	14,901	804	7,724	31,041
Naphtha-type	361	103	464	-	562	79	410	1,051	367	658	637	158	156	1,976	260	1,486	5,237
Kerosene-type	1,654	84	1,738	-	2,928	228	1,203	4,359	817	5,417	6,631	35	25	12,925	544	6,238	25,804
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	35	54	-	-	89	-	34	123
L.R.G., total	1,093	160	1,253	30	1,410	173	561	2,174	414	2,718	1,477	108	46	4,763	159	1,589	9,938
For fuel use	665	160	825	-	1,164	173	530	1,867	386	1,245	1,154	75	45	2,905	156	1,311	7,064
For chemical use	428	-	428	30	246	-	31	307	28	1,473	323	33	1	1,858	3	278	2,874
Kerosene	273	44	317	43	496	14	15	568	55	1,624	787	2	25	2,493	10	217	3,605
Distillate fuel oil	10,203	1,140	11,343	287	10,584	1,969	6,565	19,405	3,427	14,499	12,172	1,580	528	32,206	3,879	9,767	76,600
Residual fuel oil	5,412	369	5,781	123	3,320	352	615	4,410	1,037	11,139	7,133	762	293	20,364	851	15,323	46,729
Petrochemical feedstocks, total	359	221	580	-	306	3	112	421	366	16,836	4,370	100	-	21,672	7	704	23,384
Still gas	28	15	43	-	1	-	-	1	2	1,067	25	-	-	1,094	-	34	1,172
Naphtha-400°	323	-	323	-	61	3	111	175	168	6,414	1,428	49	-	8,059	7	274	8,838
Other	8	206	214	-	244	-	1	245	196	9,355	2,917	51	-	12,519	-	396	13,374
Special naphthas	62	32	94	13	270	-	309	592	166	1,208	182	311	-	1,867	8	500	3,061
Lube oil, total	465	421	886	-	524	-	425	949	30	2,512	735	152	1	3,430	35	524	5,824
Bright stock	40	144	184	-	20	-	35	55	-	200	71	-	-	271	-	52	562
Neutral	312	243	555	-	342	-	298	640	-	888	499	63	-	1,450	35	367	3,047
Other grades	113	34	147	-	162	-	92	254	30	1,424	165	89	1	1,709	-	105	2,215
Wax	12	56	68	-	20	-	33	53	12	163	78	47	-	300	3	84	[2] 508
Coke	767	26	793	21	1,741	250	1,420	3,432	254	2,215	1,372	65	16	3,922	231	2,932	11,310
Asphalt	2,288	116	2,404	78	2,378	609	1,143	4,208	413	581	607	955	80	2,636	880	1,859	11,987
Road oil	-	-	-	-	254	-	19	273	-	-	-	-	-	-	15	80	368
Still gas for fuel	1,478	158	1,636	-	2,701	86	1,282	4,069	483	4,309	2,551	191	56	7,590	397	2,945	16,637
Miscellaneous	89	34	123	1	301	14	100	416	365	677	477	31	-	1,550	15	396	2,500
Processing gain (-) or loss (+)	-1,203	-168	-1,371	+112	-2,536	-5	-1,778	-4,207	-223	-4,801	-1,978	-90	+35	-7,057	-335	-3,279	-16,249
Crude oil distillation units:																	
Gross input (1,000 b/d) [3]	1,325	160	1,485	50	1,834	247	945	3,076	463	3,345	2,267	200	72	6,347	423	2,327	13,658
Capacity (1,000 b/d) [4]	1,831	209	2,040	66	2,781	324	1,134	4,305	611	4,534	2,643	269	130	8,187	606	3,102	18,240
Operating ratio [5]	72.4	76.6	72.8	75.8	65.9	76.2	83.3	71.5	75.8	73.8	85.8	74.3	55.4	77.5	69.8	75.0	74.9

Source: Form EIA-87.

[1] Includes some Athabasca hydrocarbons.

[2] Includes: microcrystalline, 129 ; crystalline-fully refined, 233 ; and crystalline-other, 146.

[3] Includes crude oil, products of natural gas processing plants, other oils charged to crude oil distillation units during the month.

[4] Represents operable capacity at the beginning of the month.

[5] Represents gross input divided by capacity.

Note: Input item "Unfractionated stream" includes Plant Condensate.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 10 - Stocks held at refineries, by pipelines, and at bulk terminals May 31, 1978

(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United States*
	East Coast	Appalachian # 1	Total	Appalachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Motor gasoline, total	69,763	5,381	75,144	2,925	43,213	8,712	22,042	76,892	9,043	31,824	20,191	12,112	1,043	74,213	8,933	27,756	262,938
Refinery	9,887	926	10,813	134	15,635	2,563	7,353	25,685	4,119	19,491	12,816	1,801	584	38,811	5,548	15,632	96,489
Bulk terminal	45,689	3,631	49,320	1,924	21,037	4,402	5,738	33,101	2,428	6,611	1,492	2,706	155	13,392	1,903	10,270	108,186
Pipeline	14,187	824	15,011	867	6,541	1,747	8,951	18,106	2,496	5,722	5,883	7,605	104	21,810	1,482	1,854	58,263
Aviation gasoline, total	453	58	511		488	80	153	721	74	402	360	7	37	880	42	658	2,812
Refinery	45	—	45		253	—	43	296	11	381	354	—	—	746	32	300	1,419
Bulk terminal	408	58	466		222	80	71	373	63	—	6	7	32	108	1	358	1,306
Pipeline			—	—	13		39	52		21	—	—	5	26	9		87
Naphtha type jet fuel, total	517	39	556	41	519	116	657	1,333	352	463	565	248	322	1,950	288	1,486	5,613
Refinery	192	39	231		405	64	411	880	196	331	496	87	127	1,237	172	766	3,286
Bulk terminal	17	—	17	38	46	39	141	264	130	132		47	24	333	20	207	841
Pipeline	308	—	308	3	68	13	105	189	26		69	114	171	380	96	513	1,486
Kerosene-type jet fuel, total	8,412	415	8,827	139	5,461	943	2,966	9,509	1,229	3,538	3,414	1,441	63	9,685	658	7,018	35,697
Refinery	1,253	67	1,320		1,820	70	450	2,340	323	1,972	2,358	35	16	4,704	275	3,194	11,833
Bulk terminal	4,318	194	4,512	71	2,431	632	619	3,753	289	737	135	48	29	1,238	185	2,867	12,555
Pipeline	2,841	154	2,995	68	1,210	241	1,897	3,416	617	829	921	1,358	18	3,743	198	957	11,309
Ethane (incl. ethylene)																	
L.R.G., total	806	12	818	2	1,093	36	394	1,525	330	454	971	20	22	1,797	184	882	5,206
For fuel use	756	12	768	—	969	36	392	1,397	328	428	960	19	22	1,757	176	882	4,980
For chemical use	50	—	50	2	124		2	128	2	26	11	1	—	40	8		226
Kerosene, total	5,913	536	6,449	311	2,568	130	365	3,374	99	2,328	791	390	24	3,632	99	204	13,758
Refinery	298	174	472	39	847	42	277	1,205	39	1,910	722	19	24	2,714	49	105	4,545
Bulk terminal	5,355	362	5,717	227	1,507	83	53	1,870	20	358	21	20	—	419	50	99	8,155
Pipeline	260	—	260	45	214	5	35	299	40	60	48	351		499	—	—	1,058
Distillate fuel oil, total	74,105	3,859	77,964	2,311	25,804	8,610	17,588	54,313	2,964	16,124	8,796	6,177	380	34,441	3,700	12,594	[2]181,072
Refinery	7,327	761	8,088	73	8,539	2,246	6,343	17,201	1,130	10,181	5,493	1,027	216	18,047	2,212	5,750	51,318
Bulk terminal	60,573	2,795	63,368	1,682	14,744	5,074	5,920	27,420	1,429	2,887	1,190	1,106	101	6,713	838	5,585	101,904
Pipeline	6,205	303	6,508	556	2,521	1,290	5,325	9,692	405	3,056	2,113	4,044	63	9,681	650	1,259	27,790
Residual fuel oil, total	42,593	768	43,361	427	7,210	1,090	2,048	10,775	445	11,223	7,448	756	190	20,062	829	12,012	[4]87,039
Refinery	4,860	408	5,268	78	4,462	664	829	6,033	445	8,514	3,625	469	190	13,243	829	9,143	34,710
Bulk terminal	37,733	360	38,093	349	2,748	426	1,219	4,742	—	2,709	3,823	287	—	6,819		2,869	[4]52,921
Petrochemical feedstocks, total	81	84	165		471	3	68	542	306	4,259	1,088	42		5,695	4	296	6,702
Naphtha 400°	79		79		312	3	50	365	173	2,164	660	16		3,013	4	197	3,658
Other	2	84	86		159	—	18	177	133	2,095	428	26	—	2,682		99	3,044
Special naphthas, total	1,053	80	1,133	147	546	51	234	980	100	1,504	180	198		1,982	5	401	4,501
Refinery	33	44	77	10	214		234	458	84	1,504	179	197		1,964	5	330	2,834
Bulk terminal	1,020	36	1,056	137	332	51		522	16		1	1		18		71	1,667
Lube oil, total	2,743	1,191	3,934	47	1,170	29	629	1,875	58	3,450	1,360	236	15	5,119	76	1,430	[1]12,434
Bright stock	154	369	523		45		48	93	—	224	57			281	3	53	953
Neutral	722	615	1,337	—	466		398	864	—	1,187	777	57		2,021	61	515	4,820
Other grades	1,867	207	2,074	47	659	29	183	918	58	2,039	526	179	15	2,817	10	862	6,681
Wax	14	95	109		20		32	52	22	282	131	1		436	2	31	[3]630
Coke	1,127	—	1,127		1,325	388	562	2,275	4	445	287	41		777	399	975	5,553
Asphalt	5,963	933	6,896	1,146	7,576	1,680	2,335	14,737	713	520	1,157	1,500	195	4,085	1,375	1,539	[1]12,912
Road oil					624		6	630				1		1	14	14	659
Miscellaneous	185	25	210		222	16	195	433	79	559	345	60		1,043		149	[1]1,835
Unfinished oils	16,437	1,670	18,107	232	17,239	435	8,625	26,531	3,152	30,228	18,247	945	144	52,716	2,827	30,178	130,372
Refined products, total	230,165	15,146	245,311	7,728	115,549	24,321	58,899	206,497	19,170	107,603	63,331	24,255	2,035	218,994	21,495	100,283	792,580

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,628 ; Asphalt, 8,310 ; and Miscellaneous 112.

[2] Includes No. 4 fuel oil, in thousands of barrels: P.A.D. District I, 1,900; P.A.D. District II, 147; P.A.D. District III, 599; P.A.D. District IV, 3; P.A.D. District V, 312.

[3] Includes microcrystalline, 103 ; crystalline-fully refined, 259 ; and crystalline other, 268.

[4] Includes pipeline stocks: P.A.D. District V, 45.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
Turned into lines:					
Gasoline, total	181,672	174,354	190,283	898,028	923,578
Motor	181,320	174,000	189,869	896,665	922,001
Aviation	352	354	414	1,363	1,577
Jet fuel, total	32,276	31,468	31,659	160,396	162,924
Naphtha-type	3,784	3,434	4,002	17,694	18,044
Kerosene-type	28,492	28,034	27,657	142,702	144,880
Kerosene	1,625	1,833	1,933	12,551	15,469
Distillate fuel oil	60,151	58,071	70,383	266,653	357,320
Residual fuel oil	100	122	411	901	821
Natural gas liquids	49,629	50,489	54,090	259,724	274,002
Other products	806	1,048	30	4,438	77
Delivered from lines:					
Gasoline, total	184,091	175,360	192,942	893,450	927,975
Motor	183,742	175,009	192,548	892,199	926,493
Aviation	349	351	394	1,251	1,482
Jet fuel, total	29,932	31,760	31,447	156,351	158,187
Naphtha-type	3,455	3,501	4,091	17,358	18,015
Kerosene-type	26,477	28,259	27,356	138,993	140,172
Kerosene	1,958	1,860	1,623	12,981	15,499
Distillate fuel oil	59,595	61,960	68,338	333,275	368,248
Residual fuel oil	130	98	401	866	811
Natural gas liquids	47,423	48,907	52,315	264,124	278,122
Other products	771	943	19	4,390	66
Shortage (or overage):					
Gasoline, total	(845)	(460)	(826)	(1,495)	(2,743)
Motor	(861)	(474)	(859)	(1,553)	(2,788)
Aviation	16	14	33	58	45
Jet fuel, total	281	39	352	1,525	1,811
Naphtha-type	(31)	(23)	(3)	(63)	6
Kerosene-type	312	62	355	1,588	1,805
Kerosene	104	41	105	491	504
Distillate fuel oil	(222)	(465)	153	(1,388)	(1,979)
Residual fuel oil	1	-	-	3	-
Natural gas liquids	(1)	68	626	827	(1,599)
Other products	1	-	-	1	-
Stocks in lines and working tanks at end of month:					
Gasoline, total	58,350	59,924	49,727	58,350	49,727
Motor	58,263	59,824	49,657	58,263	49,657
Aviation	87	100	70	87	70
Jet fuel, total	12,795	10,732	9,953	12,795	9,953
Naphtha-type	1,486	1,126	1,127	1,486	1,127
Kerosene-type	11,309	9,606	8,826	11,309	8,826
Kerosene	1,058	1,495	1,114	1,058	1,114
Distillate fuel oil	27,790	27,012	23,547	27,790	23,547
Residual fuel oil	45	76	-	45	-
Natural gas liquids	30,216	[1]28,009	35,712	30,216	35,712
Other products	208	174	11	208	11

Source: Form EIA-89.

[1] Revised

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. Districts

(Thouaands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
From District 1 to District 2:					
Gasoline, total	4,927	4,753	4,747	22,142	22,930
Motor	4,914	4,749	4,747	22,114	22,906
Aviation	13	4	-	28	24
Jet fuel, total	77	208	162	855	1,292
Naphtha-type	-	-	-	-	-
Kerosene-type	77	208	162	855	1,292
Kerosene	3	42	13	188	182
Distillate fuel oil	1,351	1,412	1,464	6,711	7,180
From District 2 to District 1:					
Gasoline, total	632	702	927	4,280	4,292
Motor	632	702	927	4,280	4,292
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	12	54	106
Distillate fuel oil	158	154	129	979	1,110
Natural gas liquids	1,123	930	1,063	6,034	4,136
From District 2 to District 3:					
Gasoline, total	1,506	1,698	1,489	8,217	7,179
Motor	1,506	1,698	1,489	8,217	7,179
Jet fuel, total	128	95	39	513	251
Naphtha-type	59	30	39	268	251
Kerosene-type	69	65	-	245	-
Distillate fuel oil	564	495	377	1,894	1,776
Natural gas liquids	1,932	2,273	2,053	10,275	9,054
From District 2 to District 4:					
Gasoline, total	1,484	1,460	1,509	7,250	7,945
Motor	1,466	1,446	1,482	7,181	7,843
Aviation	18	14	27	69	102
Jet fuel, total	480	439	346	1,859	2,100
Kerosene-type	480	439	346	1,859	2,100
Kerosene	-	-	-	-	-
Distillate fuel oil	220	189	204	1,022	1,494
Natural gas liquids	71	152	71	866	815
From District 3 to District 1:					
Gasoline, total	40,867	38,142	40,454	189,372	184,237
Motor	40,835	38,121	40,441	189,282	184,135
Aviation	32	21	13	90	102
Jet fuel, total	4,962	5,850	5,608	26,155	28,031
Naphtha-type	110	206	85	688	565
Kerosene-type	4,852	5,644	5,523	25,467	27,466
Kerosene	407	369	362	4,120	4,929
Distillate fuel oil	14,957	16,443	14,956	83,562	86,297
Natural gas liquids	672	778	808	7,859	8,676
From District 3 to District 2:					
Gasoline, total	6,569	5,185	4,881	25,174	30,592
Motor	6,507	5,137	4,729	24,967	30,056
Aviation	62	48	152	207	536
Jet fuel, total	1,288	1,039	1,186	6,070	5,996
Naphtha-type	-	-	-	2	2
Kerosene-type	1,288	1,039	1,186	6,068	5,994
Kerosene	31	35	240	332	1,036
Distillate fuel oil	1,354	1,896	2,013	7,277	10,759
Natural gas liquids	6,560	5,489	6,754	28,668	41,350
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	720	804	789	4,192	4,385
Motor	720	804	789	4,192	4,385
Jet fuel, total	166	233	137	1,034	1,030
Naphtha-type	65	100	56	506	578
Kerosene-type	101	133	81	528	452
Distillate fuel oil	363	341	346	1,748	1,700
From District 4 to District 2:					
Gasoline, total	406	366	399	1,991	2,144
Motor	406	366	399	1,991	2,144
Jet fuel, total	5	23	41	85	170
Naphtha-type	-	17	30	49	128
Kerosene-type	5	6	11	36	42
Kerosene	-	-	-	-	-
Distillate fuel oil	353	220	383	1,567	1,545
Natural gas liquids	472	466	462	2,147	1,707
From District 4 to District 3:					
Natural gas liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	707	903	756	3,773	3,949
Motor	707	903	756	3,773	3,949
Jet fuel, total	142	145	84	661	730
Naphtha-type	89	68	-	392	359
Kerosene-type	53	77	84	269	371
Distillate fuel oil	359	264	282	1,226	1,073

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.) 1980	January - May (Incl.) 1979
District I to District II:					
Crude oil	-	-	-	-	-
Unfinished oils	9	13	-	54	187
Gasoline, total	1,330	1,654	253	8,231	7,037
Motor	1,330	1,654	253	8,231	-
Aviation	-	-	-	-	7,037
Special naphthas	-	-	-	8	-
Jet fuel, total	312	226	213	1,305	1,079
Naphtha-type	129	97	89	523	256
Kerosene-type	183	129	124	782	823
Kerosene	86	39	48	302	186
Distillate fuel oil	385	594	154	2,917	1,483
Residual fuel oil	-	-	6	20	34
Lubricating oil	15	-	17	44	121
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	18	79	19	175	302
Other products	-	-	-	-	-
Total	2,155	2,605	710	13,056	10,429
District I to District III:					
Crude oil	370	-	609	2,081	2,833
Unfinished oils	-	53	612	706	1,759
Gasoline, total	60	48	102	207	200
Motor	60	48	102	207	200
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	218	562
Residual fuel oil	6	57	-	100	388
Lubricating oil	73	141	51	556	340
Wax	1	-	-	11	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	94	80	-	228	-
Other products	254	30	24	315	72
Total	858	409	1,398	4,422	6,154
District II to District I:					
Crude oil	71	83	-	489	10
Unfinished oils	12	-	23	24	69
Gasoline, total	67	92	203	802	923
Motor	67	92	203	802	923
Aviation	-	-	-	-	-
Special naphthas	-	-	-	25	47
Jet fuel, total	22	103	-	238	5
Naphtha-type	-	-	-	-	-
Kerosene-type	22	103	-	238	5
Kerosene	-	-	-	-	5
Distillate fuel oil	7	85	129	379	680
Residual fuel oil	169	134	412	587	1,137
Lubricating oil	25	18	47	119	143
Wax	-	-	-	16	-
Asphalt and road oil	43	-	193	43	390
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	24	16	-	66	-
Other products	-	-	-	-	17
Total	440	531	1,007	2,788	3,426
District II to District III:					
Crude oil	-	-	-	-	-
Unfinished oils	150	-	220	595	579
Gasoline, total	156	360	89	1,019	187
Motor	156	328	89	1,019	187
Aviation	-	32	-	32	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	34	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	34	-
Kerosene	-	-	-	-	-
Distillate fuel oil	165	394	137	1,306	357
Residual fuel oil	777	1,047	-	3,650	43
Lubricating oil	-	-	33	53	33
Wax	-	-	-	9	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	107	97	28	369	28
Other products	-	-	-	370	10
Total	1,355	1,898	507	7,405	1,237

Continued on next page.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products (continued)

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January-May (Incl.) 1980	January-May (Incl.) 1979
District III to District I:[1]					
Crude oil	832	680	694	2,566	2,994
Unfinished oils	639	365	224	2,211	1,731
Gasoline, total	12,819	13,359	14,931	64,940	82,519
Motor	12,593	13,132	14,587	63,752	81,360
Aviation	226	227	344	1,188	1,159
Special naphthas	276	528	402	1,878	2,198
Jet fuel, total	3,482	4,831	3,305	20,863	17,768
Naphtha-type	559	722	513	3,116	2,355
Kerosene-type	2,923	4,109	2,792	17,747	15,413
Kerosene	257	168	356	1,791	2,835
Distillate fuel oil	5,090	5,434	6,058	29,491	40,989
Residual fuel oil	6,829	7,166	3,800	35,286	20,778
Lubricating oil	808	1,714	946	5,314	4,233
Wax	23	22	17	106	90
Asphalt and road oil	371	226	339	1,798	1,537
Liquefied gases	15	15	-	45	385
Petrochemical feedstocks	211	80	206	920	784
Other products	350	301	228	2,696	3,156
Total	32,002	34,889	31,506	169,905	181,997
District III to District II:					
Crude oil	691	1,130	338	6,413	1,832
Unfinished oils	137	20	-	364	21
Casoline, total	2,379	1,197	1,469	8,038	7,574
Motor	2,250	1,160	1,416	7,664	7,393
Aviation	129	37	53	374	181
Special naphthas	166	195	235	767	805
Jet fuel, total	200	162	201	840	1,418
Naphtha-type	-	-	-	-	-
Kerosene-type	200	162	201	840	1,418
Kerosene	13	131	23	298	275
Distillate fuel oil	583	417	543	2,031	3,063
Residual fuel oil	212	750	959	2,834	3,675
Lubricating oil	286	335	397	1,516	1,269
Wax	76	-	-	76	-
Asphalt and road oil	416	281	262	1,283	1,370
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	20	79	87	267	399
Other products	23	14	9	178	44
Total	5,202	4,711	4,523	24,905	21,952
District III to District V:					
Crude oil	-	-	-	-	-
Unfinished oils	-	202	-	701	200
Casoline, total	21	-	275	21	589
Motor	-	-	275	-	570
Aviation	21	-	-	21	19
Special naphthas	-	-	-	10	-
Jet fuel, total	-	487	737	718	1,292
Naphtha-type	-	487	-	487	-
Kerosene-type	-	-	737	231	1,292
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	34	614
Residual fuel oil	6	-	-	262	-
Lubricating oil	74	230	233	716	611
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	-	-	-	-	19
Total	101	919	1,245	2,462	3,325
District V to District I:					
Crude oil	2,724	3,027	2,392	13,026	5,961
Casoline, total	-	-	-	251	-
Motor	-	-	-	251	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	-	-	20	-
Residual fuel oil	173	-	-	325	-
Lubricating oil	-	-	-	30	-
Other products	-	-	-	1	-
Total	2,897	3,027	2,392	13,653	5,961
District V to District III:					
Crude oil	7,249	8,571	4,685	42,327	23,499
Motor gasoline	-	-	-	-	104
Kerosene-type jet fuel	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	204	-	204	-
Wax	-	-	-	-	-
Lubricating oil	53	69	116	328	223
Unfinished oils	174	140	-	493	352
Other products	30	35	70	97	140
Total	7,506	9,019	4,871	43,449	24,318

Source: Form EIA-170.

[1] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
To New England:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	-	190	-
Gasoline, total	1,220	1,685	2,426	8,892	12,174
Motor	1,210	1,660	2,399	8,803	12,078
Aviation	10	25	27	89	96
Special naphthas	13	162	22	267	203
Jet fuel, total	366	754	784	2,540	3,504
Naphtha-type	-	235	-	-	239
Kerosene-type	366	519	784	2,540	3,265
Kerosene	142	59	191	802	826
Distillate fuel oil	863	1,442	1,714	8,793	11,530
Residual fuel oil	1,558	1,195	-	5,150	688
Lubricating oil	20	692	7	732	30
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	10	8	9	84	53
Total	4,192	5,997	5,153	27,450	29,008
To Central Atlantic: [1]					
Crude oil	832	680	694	2,462	2,994
Unfinished oils	329	219	160	1,146	1,432
Gasoline, total	1,072	1,613	1,408	5,791	13,601
Motor	1,033	1,540	1,286	5,521	13,319
Aviation	39	73	122	270	282
Special naphthas	167	268	217	1,159	1,195
Jet fuel, total	507	938	261	3,096	2,081
Naphtha-type	-	-	-	-	-
Kerosene-type	507	938	261	3,096	2,081
Kerosene	65	66	154	449	1,251
Distillate fuel oil	953	1,068	1,457	6,421	15,668
Residual fuel oil	1,316	1,805	1,219	10,281	6,733
Lubricating oil	606	799	702	3,487	3,116
Wax	23	22	17	106	90
Asphalt and road oil	29	-	40	29	70
Liquefied gases	-	-	-	-	147
Petrochemical feedstocks	192	80	148	828	608
Other products	135	169	36	1,855	2,661
Total	6,226	7,727	6,513	37,110	51,647
To Lower Atlantic: [1]					
Crude oil	-	-	-	104	-
Unfinished oils	310	146	64	875	299
Gasoline, total	10,527	10,061	11,097	50,257	56,744
Motor	10,350	9,932	10,902	49,428	55,963
Aviation	177	129	195	829	781
Special naphthas	96	98	163	452	800
Jet fuel, total	2,609	3,139	2,260	15,227	12,183
Naphtha-type	559	487	513	2,797	2,116
Kerosene-type	2,050	2,652	1,747	12,430	10,067
Kerosene	50	43	11	540	758
Distillate fuel oil	3,274	2,924	2,887	14,277	13,791
Residual fuel oil	3,955	4,166	2,581	19,855	13,357
Lubricating oil	182	223	237	1,095	1,087
Wax	-	-	-	-	-
Asphalt and road oil	342	226	299	1,769	1,467
Liquefied gases	15	15	-	45	238
Petrochemical feedstocks	19	-	58	92	176
Other products	205	124	183	757	442
Total	21,584	21,165	19,840	105,345	101,342

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
All Districts:					
Algeria	12,862	15,995	22,470	75,169	97,803
Angola	1,910	1,575	556	6,907	4,844
Bolivia	-	-	-	301	-
Brunei	-	-	498	151	1,551
Cameroon	2,039	746	477	6,576	1,879
Canada[1]	6,384	6,671	7,723	35,530	44,624
Congo (Brazzaville)	-	323	-	468	909
Ecuador	-	763	805	2,826	5,403
Egypt	64	2,295	1,500	7,631	6,132
Gabon	1,391	337	1,401	4,379	5,887
Ghana	-	-	204	50	204
Guatemala	124	137	-	261	-
Indonesia	10,041	9,833	8,778	51,449	57,638
Iran	-	-	6,034	2,625	15,250
Iraq	937	1,275	1,279	6,703	11,127
Kuwait	960	1,921	-	4,821	482
Liberia	-	-	-	-	-
Libya	14,374	20,048	19,973	90,619	99,461
Malaysia	1,571	2,476	1,772	9,400	7,862
Mexico	16,964	16,251	12,491	76,534	63,544
Netherlands	-	-	-	404	1,914
Nigeria	29,039	20,728	34,376	138,526	169,096
Norway	4,116	4,069	1,047	22,988	7,240
Oman	1,131	641	1,370	4,715	6,503
People's Republic of China	-	-	-	-	1,502
Peru	1,016	2,533	1,999	7,399	6,041
Qatar	696	2,299	347	5,742	3,635
Saudi Arabia	35,432	38,766	39,475	204,311	217,809
Spain	-	-	-	299	-
Syria	-	-	457	787	941
Taiwan	-	-	-	-	548
Trinidad	4,354	2,565	4,210	17,296	17,160
Tunisia	-	198	-	553	1,981
United Arab Emirates	5,331	4,503	9,049	36,370	46,110
United Kingdom	3,742	5,447	6,123	28,206	29,500
Venezuela	2,396	4,064	9,665	21,253	38,192
Zaire	331	204	-	1,243	187
Total[1]	[2]157,205	166,663	194,079	[2]872,492	972,959
To District I:					
Algeria	3,559	4,094	8,477	23,246	32,192
Angola	329	242	-	1,469	1,572
Cameroon	375	469	-	844	-
Canada	118	250	500	1,639	1,589
Ecuador	-	383	-	383	762
Egypt	58	300	1,500	3,495	6,132
Gabon	1,104	-	1,401	3,119	5,757
Indonesia	377	879	638	3,758	4,067
Iran	-	-	929	-	6,787
Iraq	-	-	-	-	996
Kuwait	585	641	-	2,523	-
Libya	3,084	6,086	1,786	20,070	9,957
Malaysia	-	-	-	-	-
Mexico	745	981	100	5,343	1,263
Netherlands	-	-	-	403	-
Nigeria	9,357	4,507	7,866	36,447	44,120
Norway	2,336	245	-	5,431	1,310
Oman	236	334	528	1,324	1,660
Peru	394	1,196	138	3,146	802
Qatar	696	-	347	1,150	741
Saudi Arabia	10,034	10,091	10,446	62,509	55,845
Spain	-	-	-	299	-
Trinidad	796	276	181	2,474	443
Tunisia	-	198	-	198	827
United Arab Emirates	-	451	234	3,161	2,241
United Kingdom	1,310	1,667	1,273	7,196	7,320
Venezuela	1,571	2,150	6,039	10,934	20,412
Zaire	331	204	-	1,243	187
Total	37,395	35,644	42,383	201,804	206,982

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District and Country of Origin	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
To District II:					
Algeria	3,558	2,886	3,594	19,087	18,524
Bolivia	-	-	-	-	-
Cameroon	784	277	229	3,675	1,201
Canada[1]	4,427	5,064	4,977	25,464	30,772
Ecuador	-	-	-	-	1,013
Egypt	-	390	-	525	-
Ghana	-	-	204	50	204
Guatemala	-	137	-	137	-
Iran	-	-	1,724	1,890	2,752
Iraq	-	-	-	-	3,366
Libya	5,745	7,262	12,066	35,180	52,985
Mexico	5,281	4,418	3,385	23,882	19,416
Nigeria	3,643	4,571	5,548	30,387	27,607
Norway	230	1,016	1,047	6,936	3,910
Oman	895	307	780	3,208	3,740
Peru	-	-	340	722	1,949
Qatar	-	1,619	-	1,619	2,399
Saudi Arabia	1,440	1,577	4,756	14,232	23,245
Syria	-	-	457	-	457
Trinidad	2,105	1,336	811	5,252	2,709
Tunisia	-	-	-	-	889
United Arab Emirates	1,867	660	1,230	8,037	6,928
United Kingdom	636	1,325	1,900	10,449	7,550
Venezuela	-	472	737	1,684	2,478
Total[1]	30,611	33,317	43,785	192,416	214,094
To District III:					
Algeria	5,745	9,015	10,399	32,836	44,550
Angola	1,581	1,333	556	4,681	2,569
Bolivia	-	-	-	301	-
Cameroon	880	-	248	2,057	678
Congo (Brazzaville)	-	323	-	468	909
Ecuador	-	380	805	2,187	3,628
Egypt	6	1,605	-	3,611	-
Gabon	287	337	-	1,260	130
Guatemala	124	-	-	124	-
Indonesia	-	-	502	-	2,882
Iran	-	-	3,381	735	5,711
Iraq	937	1,275	1,279	6,703	6,765
Kuwait	375	1,280	-	2,298	482
Liberia	-	-	-	-	-
Libya	5,545	6,700	6,121	35,114	36,519
Malaysia	-	-	-	192	-
Mexico	10,938	10,852	9,006	47,309	42,865
Netherlands	-	-	-	1	1,914
Nigeria	16,039	11,650	20,962	71,579	97,155
Norway	1,550	2,808	-	10,306	2,020
Oman	-	-	62	183	1,103
Peru	404	1,337	754	2,922	1,145
Qatar	-	680	-	2,973	495
Saudi Arabia	23,958	26,888	24,273	126,826	134,940
Syria	-	-	-	787	484
Trinidad	1,453	953	3,218	9,570	14,008
Tunisia	-	-	-	355	265
United Arab Emirates	2,306	2,826	5,826	19,299	26,310
United Kingdom	1,796	2,455	2,950	10,561	14,630
Venezuela	825	1,227	2,399	7,458	13,958
Total	[2]74,749	83,924	92,741	[2]402,696	456,115
To District IV:					
Algeria	-	-	-	-	2,537
Canada	1,214	827	1,683	5,537	8,596
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
Total	1,214	827	1,683	5,931	11,493
To District V[3]:					
Algeria	-	-	-	-	-
Angola	-	-	-	757	703
Brunei	-	-	498	151	1,551
Canada	625	530	563	2,890	3,667
Ecuador	-	-	-	256	-
Indonesia	9,664	8,954	7,638	47,691	50,329
Malaysia	1,571	2,476	1,772	9,208	7,862
Nigeria	-	-	-	-	214
Norway	-	-	-	315	-
People's Republic of China	-	-	-	-	1,502
Peru	218	-	767	609	2,145
Saudi Arabia	-	210	-	718	3,779
Taiwan	-	-	-	-	548
United Arab Emirates	1,158	566	1,759	5,873	10,631
Venezuela	-	215	490	1,177	1,344
Total	13,236	12,951	13,487	69,645	84,275

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.) 1980	January - May (Incl.) 1979
All Districts:					
Motor gasoline, total	4,093	4,552	4,493	22,228	24,381
Receipts from Puerto Rico	1,036	687	1,270	3,866	5,062
Other	[1]3,057	3,865	3,223	18,362	19,319
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,114	1,154	521	5,363	2,335
Bonded aircraft fuel	-	-	-	-	-
Other	[1]1,114	1,154	521	5,363	2,335
Kerosene-type jet fuel, total	1,343	2,067	1,816	7,580	8,619
Bonded aircraft fuel	268	642	960	2,124	1,191
Receipts from Puerto Rico	-	-	-	-	-
Other	1,075	1,425	856	5,456	7,428
Ethane	1,854	1,919	3,771	8,768	8,583
Liquefied petroleum gases	3,703	2,251	3,727	23,077	24,915
Kerosene, total	228	287	-	2,163	1,205
Receipts from Puerto Rico	-	-	-	26	149
Other	[1]228	287	-	2,137	1,056
Distillate fuel oil, total	3,894	4,401	5,750	25,790	28,138
Bonded ships bunkers	-	-	5	5	5
For military offshore use	283	-	384	827	566
Receipts from Puerto Rico	700	197	1,001	2,982	2,439
No. 2 fuel oil	[1]2,746	4,140	4,062	21,231	22,507
No. 4 fuel oil	165	64	298	745	2,621
Residual fuel oil, total	25,169	23,079	32,571	145,881	196,375
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	104	94	519	94
Receipts from Puerto Rico	279	-	-	832	1,524
Other	[1]24,890	22,975	32,477	144,525	194,757
Petrochemical feedstocks, total	865	474	218	2,510	1,264
Receipts from Puerto Rico	128	53	138	629	902
Other	[1]737	421	80	1,881	362
Special naphthas	121	188	682	449	1,922
Lubricants	260	245	380	1,097	1,381
Wax	-	-	-	-	-
Asphalt	145	57	71	305	185
Miscellaneous	35	24	61	195	243
Total	42,824	40,698	54,061	245,406	299,546
District I:					
Motor gasoline, total	3,158	4,143	3,913	17,651	20,534
Receipts from Puerto Rico	765	569	1,270	3,279	4,838
Other	2,393	3,574	2,643	14,372	15,696
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,114	1,085	174	4,884	1,392
Bonded aircraft fuel	-	-	-	-	-
Other	1,114	1,085	174	4,884	1,392
Kerosene-type jet fuel, total	198	1,292	380	3,434	4,017
Bonded aircraft fuel	-	270	380	784	431
Receipts from Puerto Rico	-	-	-	-	-
Other	198	1,022	-	2,650	3,586
Ethane	-	-	-	1	2
Liquefied petroleum gases	324	205	160	3,672	5,261
Kerosene, total	228	287	-	2,163	1,205
Receipts from Puerto Rico	-	-	-	26	149
Other	228	287	-	2,137	1,056
Distillate fuel oil, total	3,280	4,108	5,349	24,321	26,825
Bonded ships bunkers	-	-	5	-	5
For military offshore use	201	-	160	505	263
Receipts from Puerto Rico	523	197	1,001	2,805	2,439
No. 2 fuel oil	2,391	3,847	3,885	20,266	21,497
No. 4 fuel oil	165	64	298	745	2,621
Residual fuel oil, total	22,095	20,753	30,392	133,557	184,876
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	104	94	519	94
Receipts from Puerto Rico	279	-	-	832	1,524
Other	21,816	20,649	30,298	132,201	183,258
Petrochemical feedstocks, total	811	127	95	1,374	533
Receipts from Puerto Rico	84	53	91	313	469
Other	727	74	4	1,061	64
Special naphthas	15	39	182	57	850
Lubricants	216	214	348	931	1,039
Wax	-	-	-	-	-
Asphalt	145	57	71	305	185
Miscellaneous	16	4	29	127	147
Total	31,600	32,314	41,093	192,477	246,866
District II:					
Motor gasoline	22	3	79	624	368
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	27	-
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	27	-
Kerosene-type jet fuel, total	-	31	-	91	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	31	-	91	-
Ethane	1,854	1,919	3,771	8,767	8,581
Liquefied petroleum gases	2,234	1,463	2,460	13,251	13,828
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil[2]	1,035	923	1,091	4,317	6,233
Petrochemical feedstocks	10	10	66	86	257
Special naphthas	88	146	14	299	124
Lubricants	6	6	11	13	23
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	19	20	7	68	46
Total	5,268	4,521	7,499	27,543	29,460

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
District III:					
Motor gasoline, total	490	118	146	1,835	1,010
Receipts from Puerto Rico	69	118	-	385	224
Other	421	-	146	1,450	786
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	212	-	212
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	212	-	212
Kerosene-type jet fuel, total	240	19	128	831	128
Bonded aircraft fuel	-	-	-	-	-
Other	240	19	128	831	128
Liquefied petroleum gases	678	304	553	2,349	1,192
Kerosene	-	-	-	-	-
Distillate fuel oil, total	478	207	26	685	26
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	177	-	-	177	-
No. 2 fuel oil	301	207	26	508	26
Residual fuel oil, total	909	-	230	2,099	298
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	909	-	230	2,099	288
Petrochemical feedstocks, total	44	163	57	696	474
Receipts from Puerto Rico	44	-	47	316	433
Other	-	163	10	380	41
Special naphthas	-	-	459	13	921
Lubricants	-	25	21	98	178
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	25
Total	2,839	836	1,832	8,606	4,454
District IV:					
Motor gasoline	-	-	-	44	116
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	164	-	258	1,824	2,065
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	-	-
Special naphthas	2	-	-	2	-
Lubricants	1	-	-	1	-
Total	167	-	258	1,871	2,181
District V:					
Motor gasoline, total	423	288	355	2,074	2,353
Receipts from Puerto Rico	202	-	-	202	-
Other	221	288	355	1,872	2,353
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	69	135	452	731
Bonded aircraft fuel	-	-	-	-	-
Other	-	69	135	452	731
Kerosene-type jet fuel, total	905	725	1,308	3,224	4,474
Bonded aircraft fuel	268	372	580	1,340	760
Other	637	353	728	1,884	3,714
Liquefied petroleum gases	303	279	296	1,981	2,569
Kerosene	-	-	-	-	-
Distillate fuel oil, total	136	86	375	784	1,287
Bonded ships bunkers	-	-	-	5	-
For military offshore use	82	-	224	322	303
No. 2 fuel oil	54	86	151	457	984
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil, total	1,130	1,403	858	5,908	4,978
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	1,130	1,403	858	5,908	4,978
Petrochemical feedstocks	-	174	-	354	-
Special naphthas	16	3	27	78	27
Lubricants	37	-	-	54	141
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	25	-	25
Total	2,950	3,027	3,379	14,909	16,585

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,092; Naphtha type-jet fuel, 564; Distillate No. 2 fuel oil, 2,222; Kerosene, 228; Residual fuel oil, 3,330; Petrochemical feedstocks, 726; District III: Motor gasoline , 244.

[2] Includes crude oil for direct burning as fuel: Current month, 198.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
Plant condensate, total	249	304	394	1,839	2,149
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	-	-	110
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	218	283	337	1,448	1,616
P.A.D. District V	31	21	57	391	423
Unfinished oils, total	2,731	1,884	2,154	11,779	5,663
P.A.D. District I	[1]1,632	1,326	1,057	5,719	3,754
P.A.D. District II	21	28	46	123	56
P.A.D. District III	570	223	250	4,591	836
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	508	307	801	1,346	1,017

Sources: Form ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 497.

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-								Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	3,180	-	-	-	-	-	-	-	-	-	-	2,952
Fla., Ga., Va., N.C...	2,155	2	3,925	127	-	-	14	462	92	-	-	2,016
New Jersey, Rhode Is..	16,001	3	-	-	-	-	-	-	-	2,002	-	14,708
New York, New Hamp....	2,521	-	48	1	-	-	-	1,512	-	-	572	289
Pennsylvania: East ...	18,559	-	-	-	-	-	-	708	-	437	2,151	14,387
West ...	2,153	-	366	12	211	136	-	211	560	151	857	-
West Virginia	641	103	312	10	290	1	-	161	57	184	-	-
District I	[1] 45,210	108	4,651	150	501	137	14	3,054	709	2,774	3,580	34,352
Illinois	25,083	-	2,190	71	929	2	-	12,476	1	-	10,806	704
Indiana	10,547	-	123	4	121	1	-	8,650	4	76	1,525	166
Kansas	12,737	-	5,280	170	4,684	228	-	5,451	-	-	2,195	-
Kentucky, Tennessee ..	6,887	3	289	9	-	204	-	1,489	57	259	4,347	150
Michigan	3,124	-	2,849	92	1,931	196	-	361	-	-	666	-
Minnesota, Wisconsin .	5,989	-	-	-	-	-	-	1,687	-	-	4,335	-
Missouri, Nebraska ...	583	-	311	10	-	3	-	614	-	-	-	-
N. and S. Dakota......	1,517	-	3,339	108	1,303	22	-	130	-	-	-	-
Ohio: East	1,550	-	65	2	65	-	-	459	-	-	1,026	-
West	[2] 10,015	-	1,087	35	-	-	-	5,729	-	-	[2] 4,052	-
Oklahoma	15,756	11	13,170	425	7,466	543	-	5,597	-	-	2,333	-
District II	93,788	14	23,703	926	16,499	1,199	-	42,643	62	335	31,285	1,020
Alabama	3,400	11	2,383	77	1,762	15	22	1,067	65	-	188	339
Arkansas	1,590	-	1,596	51	1,209	126	-	145	-	-	89	-
Louisiana	58,185	35	41,192	1,329	21,883	1,268	5,754	4,593	238	3,127	644	20,107
Mississippi	10,763	1	2,469	80	1,052	164	-	3,184	9	247	77	5,895
New Mexico	2,088	-	6,363	205	1,423	785	-	-	27	-	29	-
Texas	114,399	23	82,525	2,662	55,042	1,844	1,176	5,873	-	6,505	1,182	42,950
District III	190,425	70	136,528	4,404	82,371	4,202	6,952	14,862	339	9,879	2,209	69,291
Colorado	1,039	-	2,386	77	386	147	-	444	-	-	-	-
Montana	3,343	-	1,957	63	532	113	-	1,588	14	-	1,399	-
Utah	3,729	-	1,682	54	781	540	-	2,454	107	-	-	-
Wyoming	4,453	1	11,007	355	4,222	97	-	70	42	-	-	-
District IV	12,564	1	17,032	549	5,921	897	-	4,556	163	-	1,399	-
California	56,489	64	26,158	844	20,718	2,058	2,970	2,053	-	22,740	-	9,049
Washington	10,531	-	-	-	-	-	-	-	-	6,107	825	3,488
Other States[3]	4,100	20	45,440	1,466	777	85	1,013	-	114	1,808	429	-
District V	71,120	84	71,598	2,310	21,495	2,143	3,983	2,053	114	30,655	1,254	12,537
*United States, total ..	413,107	277	258,512	8,339	126,787	8,578	10,949	67,168	1,387	43,643	[4] 39,727	117,200
Daily Average	13,326	9	8,339	X	4,090	277	353	2,167	45	1,408	1,282	3,781

Source: Form EIA-87.

[1] Includes 25,549 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: May 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total*
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland........	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va., ...	568	14	-	-	-	-	-	-	-	36	56	-	-	92	-	-	-	-	-	462	554
New Jersey................	2,002	-	-	-	-	-	-	-	-	-	125	-	-	125	-	-	-	-	-	1,877	2,002
New York, New Hamp.	1,512	-	-	439	-	-	-	-	439	-	429	-	644	1,073	-	-	-	-	-	-	1,512
Pennsylvania: East.......	1,145	-	-	-	-	-	-	-	-	-	33	-	675	708	-	-	-	-	-	437	1,145
West.......	1,269	347	66	183	-	673	-	-	856	-	-	-	-	-	-	-	-	-	-	-	922
West Virginia.............	693	291	-	-	-	402	-	-	402	-	-	-	-	-	-	-	-	-	-	-	402
P.A.D. District I.......	7,189	652	66	622	-	1,075	-	-	1,697	36	643	-	1,319	1,998	-	-	-	-	-	2,776	6,537
Illinois..................	13,408	931	325	1	174	-	48	617	840	80	2,109	957	6,224	9,370	-	-	-	534	534	1,408	12,477
Indiana...................	8,852	122	19	141	-	33	1,221	951	2,346	-	227	-	4,113	4,340	-	755	-	1,270	2,025	-	8,730
Kansas....................	10,363	4,912	-	-	-	-	21	2,200	2,221	-	-	-	982	982	151	71	-	1,341	1,563	685	5,451
Kentucky, Tennessee.......	2,009	204	154	625	-	64	-	-	689	103	859	-	-	962	-	-	-	-	-	-	1,805
Michigan..................	2,488	2,127	-	-	-	-	-	-	-	-	73	-	-	73	-	-	-	288	288	-	361
Minnesota, Wisconsin......	1,687	-	-	-	-	-	1,028	336	1,364	-	-	-	-	-	-	301	-	-	301	22	1,687
Missouri, Nebraska........	617	3	-	-	-	-	-	255	255	-	-	103	88	191	-	-	-	168	168	-	614
North Dakota..............	1,455	1,325	-	-	-	-	-	-	-	-	-	-	-	-	-	130	-	-	130	-	130
Ohio: East...............	524	65	-	40	-	-	-	-	40	-	419	-	-	419	-	-	-	-	-	-	459
West...............	5,729	-	15	553	-	-	-	-	553	97	1,457	-	3,395	4,949	-	-	-	212	212	-	5,729
Oklahoma..................	13,606	8,009	-	-	2	-	-	-	2	-	-	49	5,249	5,298	-	-	-	-	-	297	5,597
P.A.D. District II......	60,738	17,698	513	1,360	176	97	2,318	4,359	8,310	280	5,144	1,109	20,051	26,584	151	1,257	-	3,813	5,221	2,412	43,040
Alabama...................	2,931	1,799	626	-	-	-	-	-	-	506	-	-	-	506	-	-	-	-	-	-	1,132
Arkansas..................	1,480	1,335	-	-	-	-	-	-	-	-	42	-	49	91	-	-	-	-	-	54	145
Louisiana.................	36,863	28,905	1,059	-	-	-	-	-	-	1,118	-	-	3,039	4,157	-	-	-	-	-	2,742	7,958
Mississippi...............	4,656	1,216	131	-	-	-	-	-	-	2	3,307	-	-	3,309	-	-	-	-	-	-	3,440
New Mexico................	2,235	2,208	-	-	-	-	-	-	-	-	-	-	5	5	7	-	15	-	22	-	27
Texas.....................	70,440	58,062	1,604	-	192	-	-	802	994	156	3,151	3,046	-	6,353	56	-	225	-	281	3,146	12,378
P.A.D. District III.....	118,605	93,525	3,420	-	192	-	-	802	994	1,782	6,500	3,046	3,093	14,421	63	-	240	-	303	5,942	25,080
Colorado..................	977	533	-	-	-	-	-	-	-	-	-	-	-	-	-	-	63	375	438	6	444
Montana...................	2,247	645	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,602	1,602	-	1,602
Utah......................	3,882	1,321	-	-	-	-	-	-	-	-	-	-	-	-	1,586	-	-	898	2,484	77	2,561
Wyoming...................	4,431	4,319	-	-	-	-	4	-	4	-	-	-	-	-	53	55	-	-	108	-	112
P.A.D. District IV......	11,537	6,818	-	-	-	-	4	-	4	-	-	-	-	-	1,639	55	63	2,875	4,632	83	4,719
California................	50,539	25,746	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24,793	24,793
Other States..............	9,904	1,875	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	58	7,971	8,029
P.A.D. District V.......	60,443	27,621	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58	-	58	32,764	32,822
*United States, total......	258,512	146,314	[1] 3,999	1,982	368	1,172	2,322	5,161	11,005	2,098	12,287	4,155	24,463	43,003	1,853	1,312	361	6,688	10,214	[2] 43,977	112,198
Daily average...........	8,339	4,720	129	64	12	38	75	166	355	68	396	134	789	1,387	60	42	12	216	329	1,419	3,619

Source: Form EIA-87.

[1] Florida, 3911 ; New York, 48 ; Virginia, 0 ; Pennsylvania, 40.

[2] Alaska, 43,482; Arizona, 0 ; California, 412 ; Nevada, 83.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States: May 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	520	377	-	16	29	176	-	598	134	139	-	1,391
East Coast................	353	282	-	-	-	176	-	458	104	-	-	915
Appalachian No. 1..........	167	95	-	16	29	-	-	140	30	139	-	476
P.A.D. District II, total.......	1,729	2,181	175	428	916	101	-	3,801	1,213	1,720	13	8,476
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	422	459	-	37	70	-	-	566	72	961	2	2,023
Minn., Wisc., etc.........	-	90	-	14	29	-	-	133	44	24	-	201
Okla., Kans., etc..........	1,307	1,632	175	377	817	101	-	3,102	1,097	735	11	6,252
P.A.D. District III, total......	6,253	9,502	5,544	2,587	3,928	702	51	22,314	7,416	-1,133	762	35,612
Texas Inland..............	1,143	3,267	1,712	687	1,018	468	36	7,188	3,054	6,709	319	18,413
Texas Gulf................	2,432	3,135	3,308	852	1,752	58	3	9,108	2,213	-10,706	5	3,052
Louisiana Gulf............	2,510	2,481	429	835	820	71	5	4,641	1,667	230	414	9,462
Ark., La. Inland, etc......	65	150	-	119	154	17	7	447	106	295	20	933
New Mexico................	103	469	95	94	184	88	-	930	376	2,339	4	3,752
P.A.D. District IV, total.......	21	423	-	4	77	144	1	649	328	956	20	1,974
P.A.D. District V, total........	-	218	-	28	76	-	36	358	357	27	-	742
***United States, total........**	8,523	12,701	5,719	3,063	5,026	1,123	88	27,720	9,448	1,709	795	48,195

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States: May 31, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,214	-	29	68	38	-	3,349	41	-	-	3,390	0	15
East Coast..........	-	1,049	-	14	38	38	-	1,139	3	-	-	1,142	-	13
Appalachian No. 1....	-	2,165	-	15	30	-	-	2,210	38	-	-	2,248	-	2
P.A.D. District II, total.	1,908	23,165	2,907	2,222	4,836	52	620	33,802	2,129	1,448	24	39,311	902	433
Appalachian No. 2....	-	50	-	-	12	-	-	62	-	-	-	62	196	-
Ind., Ill., etc......	22	3,376	66	328	1,020	1	1	4,792	36	98	7	4,955	97	24
Minn., Wisc., etc....	1,195	573	-	1	22	-	360	956	59	2	-	2,212	76	184
Okla., Kans., etc....	691	19,166	2,841	1,893	3,782	51	259	27,992	2,034	1,348	17	32,082	533	225
P.A.D. District III, total	1,758	25,110	5,812	7,573	15,893	1,986	1,118	57,492	8,719	2,965	384	71,318	2,237	442
Texas Inland.........	663	3,816	479	343	1,428	392	694	7,152	955	1,230	232	10,232	93	36
Texas Gulf..........	653	11,517	5,279	4,641	11,061	1,024	37	33,559	4,990	1,419	15	40,636	1,483	173
Louisiana Gulf.......	438	4,449	-	2,482	3,165	8	385	10,489	2,592	135	112	13,766	639	94
Ark., La. Inland, etc	1	5,100	-	83	177	532	1	5,893	43	148	24	6,109	10	89
New Mexico..........	3	228	54	24	62	30	1	399	139	33	1	575	12	50
P.A.D. District IV, total.	-	149	-	2	106	19	-	276	169	23	3	471	63	156
P.A.D. District V, total..	-	219	-	258	37	41	3	558	24	1	-	583	71	17
*United States, total.	3,666	51,857	8,719	10,084	20,940	2,136	1,741	95,477	11,082	4,437	411	115,073	3,273	1,063

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: May 1980
(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United ** States
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total..........	154	17	171	96	2,305	299	1,484	4,184	741	3,794	2,370	523	146	7,574	465	882	13,276
Propane......................	--	-	-	-	280	4	6	290	-	51	179	-	-	230	-	33	553
Butane, total................	-	11	11	96	1,203	217	734	2,250	337	642	1,179	99	17	2,274	298	469	5,302
Isobutane..................	--	5	5	36	453	65	270	824	248	465	686	83	17	1,499	32	130	2,490
Normal butane..............	-	6	6	60	153	21	321	555	36	141	463	4	-	644	6	130	1,341
Other......................	-	-	-	-	597	131	143	871	53	36	30	12	-	131	260	209	1,471
Butane-propane mix...........	-	-	-	-	5	-	-	5	-	118	-	-	12	130	-	60	195
Natural gasoline.............	154	3	157	-	727	78	703	1,508	354	1,958	905	148	116	3,481	127	289	5,562
Unfractionated stream[1]......	--	3	3	-	90	-	41	131	50	1,025	107	276	1	1,459	40	31	1,664
*Stocks at refineries, total......	13	2	15	196	121	260	758	1,335	129	1,656	733	99	62	2,679	219	88	4,336
Propane......................	--	-	-	-	16	-	-	16	-	208	79	-	-	287	2	-	305
Butane, total................	-	-	-	196	81	76	533	886	93	1,275	554	10	9	1,941	61	71	2,959
Isobutane..................	-	-	-	27	59	46	206	338	41	229	208	9	9	496	30	67	931
Normal butane..............	-	-	-	169	22	18	305	514	40	1,046	286	-	-	1,372	2	1	1,889
Other......................	-	-	-	-	-	12	22	34	12	-	60	1	-	73	29	3	139
Butane-propane mix...........	-	-	-	-	-	-	-	-	-	-	6	-	3	9	-	-	9
Natural gasoline.............	13	2	15	-	23	184	225	432	33	95	92	15	50	285	39	17	788
Unfractionated stream[1]......	-	-	-	-	1	-	-	1	3	78	2	74	-	157	117	-	275
Liquefied refinery gases:																	
Refinery output, total.........	1,093	160	1,253	30	1,410	173	561	2,174	414	2,718	1,477	108	46	4,763	159	1,589	9,938
Propane and/or propylene.....	922	94	1,016	30	1,371	152	551	2,104	303	2,262	1,180	55	17	3,817	83	974	7,994
Petrochemical.............	312	-	312	30	246	-	31	307	-	1,185	243	-	1	1,429	1	220	2,269
Other.....................	610	94	704	-	1,125	152	520	1,797	303	1,077	937	55	16	2,388	82	754	5,725
Butane and/or butylene.......	171	66	237	-	39	21	10	70	94	387	173	51	25	730	71	515	1,623
Petrochemical.............	116	-	116	-	-	-	-	-	18	255	73	33	-	379	-	58	553
Other.....................	55	66	121	-	39	21	10	70	76	132	100	18	25	351	71	457	1,070
Butane-propane mix...........	-	-	-	-	-	-	-	-	7	37	124	2	4	174	3	100	277
Petrochemical.............	-	-	-	-	-	-	-	-	-	1	7	-	-	8	-	-	8
Other.....................	-	-	-	-	-	-	-	-	7	36	117	2	4	166	3	100	269
Isobutane....................	-	-	-	-	-	-	-	-	10	32	-	-	-	42	2	-	44
*Stocks at refineries, total......	806	12	818	2	1,093	36	394	1,525	318	466	971	20	22	1,797	184	882	5,206
Propane and/or propylene.......	795	5	800	2	976	29	282	1,289	136	353	872	4	4	1,369	65	152	3,675
Petrochemical...............	50	-	50	2	124	-	2	128	-	10	-	-	-	10	1	-	189
Other.......................	745	5	750	-	852	29	280	1,161	136	343	872	4	4	1,359	64	152	3,486
Butane and/or butylene.........	11	7	18	-	117	7	95	219	182	44	56	16	18	316	112	587	1,252
Petrochemical...............	-	-	-	-	-	-	-	-	2	4	-	1	-	7	1	-	8
Other.......................	11	7	18	-	117	7	95	219	180	40	56	15	18	309	111	587	1,244
Butane-propane mix.............	-	-	-	-	-	-	17	17	-	58	43	-	-	101	1	143	262
Petrochemical...............	-	-	-	-	-	-	-	-	-	1	11	-	-	12	-	-	12
Other.......................	-	-	-	-	-	-	17	17	-	57	32	-	-	89	1	143	250
Isobutane......................	-	-	-	-	-	-	-	-	-	11	-	-	-	11	6	-	17

Sources: Forms EIA-87 and 64.
**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.
*Stocks as of May 31, 1980.
[1] Includes plant condensate

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.) 1980	January - May (Incl.) 1979
All Districts:					
Crude oil	9,533	6,488	5,314	44,647	38,122
Motor gasoline[1]	30	15	54	81	235
Jet fuel, total	62	76	20	283	168
Naphtha-type	-	-	-	20	1
Kerosene-type	62	76	20	263	167
Ethane	-	-	-	1	-
Liquefied gases, total	529	573	331	3,492	2,485
Propane	240	296	188	1,759	1,273
Butane	289	277	143	1,733	1,212
Kerosene	1	2	2	6	11
Distillate fuel oil	35	73	55	1,137	557
Residual fuel oil	616	1,195	239	2,526	1,195
Petrochemical feedstocks	825	987	1,085	4,125	4,602
Special naphthas	286	193	469	758	673
Lubricants	862	782	737	3,922	3,294
Wax	59	52	64	283	292
Coke	4,910	3,258	5,525	19,933	21,438
Asphalt	12	11	11	49	53
Miscellaneous products	15	17	12	64	64
Total	17,775	13,722	13,918	81,307	73,189
District I:					
Crude oil	263	140	-	865	-
Motor gasoline	1	1	1	5	5
Jet fuel, total	-	-	-	-	1
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	48	49	37	215	204
Propane	22	22	15	105	91
Butane	26	27	22	110	113
Kerosene	1	-	-	2	2
Distillate fuel oil	4	3	1	7	2
Residual fuel oil	-	45	-	75	2
Petrochemical feedstocks	44	54	39	240	189
Special naphthas	2	4	7	14	15
Lubricants	267	248	136	1,034	708
Wax	7	8	8	33	40
Coke	658	474	134	1,910	899
Asphalt	3	3	1	12	6
Miscellaneous products	13	16	10	55	52
Total	1,311	1,045	374	4,467	2,125
District II:					
Crude oil	2,563	2,199	736	15,709	11,203
Motor gasoline	1	-	-	1	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Liquefied gases, total	18	12	4	331	23
Propane	4	1	3	117	13
Butane	14	11	1	214	10
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	4	2	5
Residual fuel oil	-	-	-	-	56
Petrochemical feedstocks	138	25	34	320	101
Special naphthas	3	-	2	8	8
Lubricants	18	16	20	91	81
Wax	2	-	1	6	9
Coke	384	370	362	1,057	900
Asphalt	7	1	2	11	7
Miscellaneous products	-	-	-	-	-
Total	3,134	2,623	1,165	17,536	12,393

Continued on next page.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District (continued)

(Thousands of barrels)

Item	May 1980	April 1980	May 1979	January - May (Incl.)	
				1980	1979
District III:					
Crude oil..................	-	1,913	-	3,327	-
Motor gasoline.............	-	-	40	-	142
Jet fuel, total............	-	-	-	20	1
Naphtha-type.............	-	-	-	20	-
Kerosene-type............	-	-	-	-	1
Ethane.....................	-	-	-	-	-
Liquefied gases, total......	354	362	176	2,279	1,665
Propane..................	159	173	73	1,042	628
Butane...................	195	189	103	1,237	1,037
Kerosene...................	-	-	-	2	4
Distillate fuel oil.........	18	70	-	1,110	-
Residual fuel oil..........	503	1,102	-	1,940	-
Petrochemical feedstocks....	636	893	729	3,297	3,276
Special naphthas...........	277	185	459	719	638
Lubricants.................	485	442	501	2,302	2,139
Wax........................	42	39	48	214	214
Coke.......................	1,234	1,420	2,446	7,966	9,372
Asphalt....................	2	3	3	10	9
Miscellaneous products......	2	1	2	9	12
Total....................	3,553	6,430	4,404	23,195	17,472
District IV:					
Crude oil..................	6	95	86	327	308
Liquefied gases, total......	-	-	-	-	4
Propane..................	-	-	-	-	2
Butane...................	-	-	-	-	2
Kerosene...................	-	-	-	-	-
Petrochemical feedstocks....	-	1	-	2	2
Special naphthas...........	-	-	-	-	-
Lubricants.................	2	-	2	7	3
Coke.......................	-	-	-	-	-
Asphalt....................	-	-	1	2	2
Miscellaneous products......	-	-	-	-	-
Total....................	8	96	89	338	319
District V:					
Crude oil..................	6,701	2,141	4,492	24,419	26,611
Motor gasoline.............	28	14	13	75	88
Jet fuel, total............	62	76	20	263	166
Naphtha-type.............	-	-	-	-	-
Kerosene-type............	62	76	20	263	166
Ethane.....................	-	-	-	1	-
Liquefied gases, total......	109	150	114	667	589
Propane..................	55	100	97	495	539
Butane...................	54	50	17	172	50
Kerosene...................	-	2	2	2	5
Distillate fuel oil.........	13	-	50	18	550
Residual fuel oil..........	113	48	239	511	1,137
Petrochemical feedstocks....	7	14	283	266	1,034
Special naphthas...........	4	4	1	17	12
Lubricants.................	90	76	78	488	363
Wax........................	8	5	7	30	29
Coke.......................	2,634	994	2,583	9,000	10,267
Asphalt....................	-	4	4	14	28
Miscellaneous products......	-	-	-	-	-
Total....................	9,769	3,528	7,886	35,771	40,879

Sources: Form EIA-87 and Bureau of the Census publications EM 522 and EM 594.

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

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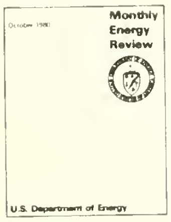

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

June 1980

Production of crude petroleum (including lease condensate) in the United States* during une averaged 8,547,000 barrels per day, a decrease of 93,000 barrels per day below the May evel, reports the Energy Information Administration, United States Department of Energy. ompared with June of last year, this represented an increase of 138,000 barrels per day, r 1.6 percent. Imports of crude oil for the month of June averaged 5,480,000 barrels per ay, representing an increase of 409,000 barrels per day above the May 1980 level and a ecrease of 1,139,000 barrels per day, or 17.2 percent below the amount reported for June 979. There were no imports of crude oil into the Strategic Petroleum Reserve during une 1980. Stocks of crude oil at the end of June totaled 473,226,000 barrels as compared ith 475,093,000 barrels at the end of the previous month and 414,460,000 barrels at the end f June 1979. At the end of June, stocks of crude oil in the Strategic Petroleum Reserve mounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during June was 14,055,000 arrels per day. This figure reflects an increase of 397,000 barrels per day, or 2.9 ercent above that reported for May 1980 and a decrease of 1,061,000 barrels per day, r 7.0 percent below the June 1979 level. The operating ratio of all refineries in the nited States* during June averaged 76.9 percent of the total operable crude oil istillation capacity. This compares with 74.9 percent in May 1980 and 85.7 percent n June 1979. These ratios are based upon the beginning-of-the-month operable capacities f 18,278,000 barrels per day for June, 18,240,000 barrels per day for May 1980, and 7,634,000 barrels per day for June 1979.

Production of products at natural gas processing plants during June average 1,559,000 arrels per day compared with 1,555,000 barrels per day for the previous month and ,571,000 barrels per day during June 1979. Stocks of these products at natural gas rocessing plants, terminals and pipelines at the end of June totaled 123,292,000 barrels. his was 8.2 million barrels above the stocks on May 31, 1980 and 8.8 million barrels above hose at the end of June 1979.

Total disposition of primary supply of all oils in June averaged 17,148,000 barrels er day. It included 16,479,000 barrels per day of products supplied for domestic use, rude oil exports of 365,000 barrels per day, refined products exports of 288,000 barrels er day, and crude oil losses of 15,000 barrels per day. Compared with June of last year, otal products supplied for domestic use decreased by 1,276,000 barrels per day, or 7.2 ercent. During this month motor gasoline, distillate fuel oil, and residual fuel oil ccounted for 40, 14, and 14 percent, respectively, of the total products supplied for omestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 549.0 for une 1980, compared with 540.1 for May 1980 and 356.3 for June 1979 reports the Bureau of abor Statistics publication, Producer Price Indexes-June 1980. The unadjusted producer rice index for refined products was 681.1 for June 1980, compared with 680.6 for May 1980, nd 423.4 for June 1979.

United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, lus the District of Columbia.

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TABLE 1. - Supply, disposition, and stocks of all oils

	Item	June 1980		May 1980		June 1979	January - June (Incl.) (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	48,778	1,626	50,452	1,627	1,247	297,722	239,013
(2)	Lower 48 states	207,628	6,921	217,377	7,012	7,163	1,277,495	1,301,610
(3)	Total U.S	256,406	8,547	267,829	8,640	8,409	1,575,217	1,540,623
	Imports:							
(4)	Imports (gross excl. SPR)[1]	164,404	5,480	157,205	5,071	6,554	1,036,896	1,149,454
(5)	SPR imports	-	-	-	-	65	-	22,066
(6)	Exports [2]	-10,960	-365	-9,533	-308	-235	-55,607	-45,170
(7)	Imports (net including SPR)	153,444	5,115	147,672	4,764	6,384	981,289	1,126,350
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-	-	-	-	-56	-	-21,707
(9)	Other stock withdrawals (plus) or additions (minus)	+1,867	+62	-4,550	-147	-318	-42,955	-15,978
(10)	Used directly & losses	-914	-30	-866	-28	-32	-5,378	-5,516
(11)	Unaccounted for [3]	+333	+11	+3,022	+97	+419	-13,645	+8,170
(12)	Total other source	+1,286	+43	-2,394	-77	+13	-61,978	-35,031
(13)	Crude input to refineries (13) = (3) + (7) + (12)	411,136	13,705	413,107	13,326	14,806	2,494,528	2,631,942
	Natural gas plant liquids (NGPL):							
(14)	Production	46,774	1,559	48,195	1,555	1,571	291,318	283,259
(15)	Imports	261	9	249	8	13	2,100	2,546
(16)	Stock withdrawals (plus) or additions (minus)	+296	+10	-25	-1	-6	-1,997	-1,326
(17)	Total NGPL Supply	47,331	1,578	48,419	1,562	1,579	291,421	284,479
	Other liquids:							
	Unfinished oils:							
(18)	Imports	2,056	69	2,731	+88	63	13,835	7,560
(19)	Stock withdrawals (plus) or additions (minus)	-2,501	-83	-7,210	-233	-34	-15,428	+1,476
(20)	Net reruns, input (plus) output (minus)	-445	-15	-4,479	-144	+29	-1,593	+9,036
(21)	Other hydrocarbons	1,462	49	1,483	48	41	9,527	6,328
(22)	Refinery processing gain	17,999	600	16,249	524	535	108,841	86,541
(23)	Crude used directly	473	16	423	14	16	2,706	2,706
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	19,489	650	13,676	441	621	119,481	104,611
(25)	Total production of refined products (25) = (13) + (17) + (24)	477,956	15,932	475,202	15,329	17,006	2,905,430	3,021,032
	Refined product imports:							
(26)	Imports (gross)	40,071	1,336	42,824	1,381	1,596	285,477	347,423
(27)	Exports [2]	-8,650	-288	-8,242	-266	-220	-45,310	-41,674
(28)	Imports (net)	31,421	1,047	34,582	1,116	1,376	240,167	305,749
(29)	Total new supply of products (29) = (25) + (28)	509,377	16,979	509,784	16,445	18,382	3,145,597	3,326,781
(30)	Refined products stock withdrawn (plus) or added (minus)	-14,997	-500	-9,352	-302	-626	-100	+112,522
(31)	Total products supplied for domestic use (31) = (29) + (30)	494,380	16,479	500,432	16,143	17,755	3,145,497	3,439,303
(32)	Motor gasoline	199,824	6,661	208,501	6,726	7,187	1,198,665	1,291,861
(33)	Distillate fuel oil	69,928	2,331	74,448	2,402	2,707	544,729	651,516
(34)	Residual fuel oil	69,723	2,324	69,242	2,234	2,552	472,845	540,178
(35)	Jet fuel, total	31,696	1,057	31,465	1,015	1,073	196,122	191,921
(36)	Liquefied gases	26,738	891	27,049	873	969	207,714	231,866
(37)	Other	96,471	3,216	89,727	2,894	3,267	525,422	531,961
(38)	Total products supplied (38) = (32) through (37)	494,380	16,479	500,432	16,143	17,755	3,145,497	3,439,303
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	382,035	---	383,902	---	325,893*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	88,567*	---	---
(41)	Unfinished oils	133,080	---	130,579	---	107,247*	---	---
(42)	Natural gasoline[4] and unfractionated stream[5]	16,286	---	16,582	---	12,449*	---	---
(43)	Refined products	779,825	---	764,828	---	676,349*	---	---
(44)	Total	1,402,417	---	1,387,082	---	1,210,505*	---	---

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Form ERA-182; Bureau of the Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

*Stocks: 1,000 barrels.

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

TABLE 2. - Comparative supply and disposition statistics

Item	June 1980		May 1980		June 1979	January-June (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
ss input to crude oil distillation units.	421,661	14,055	423,413	13,658	15,116	2,567,344	2,681,018
pentane:							
roduction	778	26	820	26	21	4,022	4,470
tocks at plants	787	---	606	---	110*	787	110
sed at refineries	596	20	714	23	21	3,542	4,524
upplied for domestic use	1	(s)	-	-	-	1	-
ural gasoline:							
roduction	8,828	294	8,628	278	270	49,882	47,273
tocks, total	11,260	---	11,264	---	7,833*	11,260	7,833
At refineries	848	---	788	---	966*	848	966
At plants	10,412	---	10,476	---	6,867*	10,412	6,867
mports	-	-	-	-	-	-	-
sed at refineries	4,533	151	4,848	156	197	39,476	32,236
upplied for domestic use	4,299	143	4,146	134	73	8,704	13,952
ractionated stream (including Plant ndensate):							
roduction	615	20	1,709	55	52	10,016	10,300
tocks, total	4,239	---	4,712	---	4,506*	4,239	4,506
At refineries	332	---	275	---	531*	332	531
At plants	3,907	---	4,437	---	3,975*	3,907	3,975
mports	261	9	249	8	13	2,100	2,546
sed at refineries	1,341	45	1,664	54	59	12,232	12,489
upplied for domestic use	8	-	9	(s)	(s)	68	62
ished gasoline:							
roduction, total	198,081	6,603	196,582	6,341	7,048	1,205,425	1,257,184
At refineries	197,513	6,584	196,021	6,323	7,030	1,202,386	1,254,319
At gas processing plants	568	19	561	18	18	3,039	2,865
tocks, total	267,473	---	265,992	---	231,988*	267,473	231,988
At refineries	267,252	---	265,750	---	231,734*	267,252	231,734
At plants	221	---	242	---	254*	221	254
mports	4,425	148	4,093	132	260	26,653	32,196
xports	20	1	30	1	1	101	279
upplied for domestic use	201,005	6,700	209,651	6,763	7,231	1,204,844	1,298,044
Motor gasoline:							
Production, total	197,068	6,569	195,604	6,310	7,002	1,199,209	1,251,382
At refineries	196,558	6,552	195,099	6,294	6,987	1,196,519	1,248,958
At gas processing plants	510	17	505	16	15	2,690	2,424
Stocks, total	264,717	---	263,068	---	229,460*	264,717	229,460
At refineries	264,583	---	262,938	---	229,349*	264,583	229,349
At plants	134	---	130	---	111*	134	111
Imports	4,425	148	4,093	132	260	26,653	32,196
Exports	20	1	30	1	1	101	279
Supplied for domestic use	199,824	6,661	208,501	6,726	7,187	1,198,665	1,291,861
Aviation gasoline:							
Production, total	1,013	34	978	32	46	6,216	5,802
At refineries	955	32	922	30	43	5,867	5,361
At gas processing plants	58	2	56	2	3	349	441
Stocks, total	2,756	---	2,924	---	2,528*	2,756	2,528
At refineries	2,669	---	2,812	---	2,385*	2,669	2,385
At plants	87	---	112	---	143*	87	143
Imports	-	-	-	-	-	-	-
Supplied for domestic use	1,181	39	1,150	37	44	6,179	6,183
t fuel, total:							
Production	30,118	1,004	31,041	1,001	956	184,674	181,520
Stocks	42,283	---	41,310	---	35,741*	42,283	35,741
Imports	2,586	86	2,457	79	57	15,529	12,658
Exports	35	1	62	2	1	318	183
Supplied for domestic use	31,696	1,057	31,465	1,015	1,073	196,122	191,921
Naphtha-type:							
Production, total	5,541	185	5,237	169	186	33,022	31,572
At refineries	5,541	185	5,237	169	186	33,022	31,572
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	5,935	---	5,613	---	5,116*	5,935	5,116
At refineries	5,935	---	5,613	---	5,116*	5,935	5,116
At plants	-	---	-	---	-*	-	-
Imports	1,208	40	1,114	36	29	6,571	3,193
Exports	-	-	-	-	-	20	1
Supplied for domestic use	6,427	214	6,649	214	237	39,232	35,608
Kerosene-type:							
Production	24,577	819	25,804	832	770	151,652	149,948
Stocks	36,348	---	35,697	---	30,625*	36,348	30,625
Imports	1,378	46	1,343	43	28	8,958	9,465
Exports	35	1	62	2	1	298	182
Supplied for domestic use	25,269	842	24,816	801	836	156,890	156,313

e footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	June 1980		May 1980		June 1979	January-June (Inc (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Ethane (including ethylene):							
Production, total	8,544	285	8,646	279	292	52,944	53,665
At refineries	175	6	123	4	8	1,176	1,545
At gas processing plants	8,369	279	8,523	275	284	51,768	52,120
Stocks, total	3,927	---	3,666	---	6,323*	3,927	6,323
At refineries	-	---	-	---	-*	-	-
At plants	3,927	---	3,666	---	6,323*	3,927	6,323
Imports	1,471	49	1,854	60	39	10,239	9,760
Exports	-	-	-	-	-	1	-
Supplied for domestic use, total	9,754	325	10,650	344	325	65,012	63,950
Refinery ethane/ethylene	175	6	123	4	8	11,176	1,545
Plant ethane	9,579	319	10,527	340	318	63,836	62,405
Liquefied gases:							
Production, total	37,266	1,242	37,658	1,215	1,290	231,516	227,274
At refineries (L.R.G.), total	9,862	329	9,938	321	374	60,310	62,453
For fuel use	7,143	238	7,064	228	256	43,300	42,464
For chemical use	2,719	91	2,874	93	118	17,010	19,989
At gas processing plants (L.P.G.)	27,404	913	27,720	894	916	171,206	164,821
Stocks, total	112,871	---	103,956	---	107,408*	112,871	107,408
L.R.G., total	5,597	---	5,206	---	7,760*	5,597	7,760
For fuel use	5,362	---	4,980	---	7,549*	5,362	7,549
For chemical use	235	---	226	---	211*	235	211
L.P.G., total	107,274	---	98,750	---	99,648*	107,274	99,648
At refineries	3,447	---	3,273	---	2,832*	3,447	2,832
At plants	103,827	---	95,477	---	96,816*	103,827	96,816
Imports	4,048	135	3,703	119	123	27,125	28,598
Exports	548	18	529	17	11	4,040	2,820
L.P.G. used at refineries	5,113	170	6,050	195	178	39,148	43,035
Supplied for domestic use, total	26,738	891	27,049	873	969	207,714	231,866
L.R.G. for fuel use	6,761	225	7,406	239	229	43,814	42,057
L.R.G. for chemical use	2,710	90	2,796	90	127	16,899	20,047
L.P.G. for fuel and chemical use	17,267	576	16,847	543	613	147,001	169,762
Propane (including propylene):							
Production, total	20,224	674	20,695	668	707	129,474	130,227
At refineries, total	7,730	258	7,994	258	267	49,951	48,446
For fuel use	5,592	186	5,725	185	180	36,198	32,515
For chemical use	2,138	71	2,269	73	87	13,753	15,931
At gas processing plants	12,494	416	12,701	410	440	79,523	81,781
Stocks, total	60,447	---	55,837	---	69,416*	60,447	69,416
Refinery propane/propylene, total	3,968	---	3,675	---	4,388*	3,968	4,388
For fuel use	3,756	---	3,486	---	4,198*	3,756	4,198
For chemical use	212	---	189	---	190*	212	190
Plant propane, total	56,479	---	52,162	---	65,028*	56,479	65,028
At refineries	296	---	305	---	348*	296	348
At plants	56,183	---	51,857	---	64,680*	56,183	64,680
Imports	1,290	43	779	25	71	12,090	14,658
Exports	276	9	240	8	6	2,035	1,447
Plant propane used at refineries	398	13	553	18	11	2,627	2,441
Supplied for domestic use, total	16,230	541	16,693	538	645	140,248	157,515
Refinery propane/propylene, total	7,437	248	8,015	259	264	50,127	49,209
For fuel use	5,322	177	5,824	188	168	36,479	33,231
For chemical use	2,115	70	2,191	71	97	13,648	15,978
Plant propane	8,793	293	8,678	280	380	90,121	108,306
Butane (including butylene):							
Production, total	8,305	277	7,772	251	296	45,672	45,930
At refineries, total	1,799	60	1,623	52	83	8,213	9,912
For fuel use	1,245	42	1,070	35	61	5,574	7,248
For chemical use	554	18	553	18	23	2,639	2,664
At gas processing plants	6,506	217	6,149	198	212	37,459	36,018
Stocks, total	30,009	---	26,356	---	23,743*	30,009	23,743
Refinery butane/butylene, total	1,295	---	1,252	---	3,046*	1,295	3,046
For fuel use	1,286	---	1,244	---	3,034*	1,286	3,034
For chemical use	9	---	8	---	12*	9	12
Plant butane, total	28,714	---	25,104	---	20,697*	28,714	20,697
At refineries	2,223	---	2,028	---	1,602*	2,223	1,602
At plants	26,491	---	23,076	---	19,095*	26,491	19,095
Imports	975	32	1,011	33	46	9,948	9,138
Exports	272	9	289	9	5	2,005	1,373
Plant butane used at refineries	1,083	36	2,812	91	75	18,508	19,484
Supplied for domestic use, total	4,272	142	3,495	113	131	30,378	33,881
Refinery butane/butylene, total	1,756	59	1,813	58	69	8,429	8,972
For fuel use	1,203	40	1,255	40	46	5,792	6,301
For chemical use	553	18	558	18	23	2,637	2,671
Plant butane	2,516	84	1,682	54	61	21,949	24,909

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	June 1980		May 1980		June 1979	January-June (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
quefied gases (continued):							
Butane-propane mixture:							
Production, total	389	13	365	12	20	2,145	3,655
At refineries, total	307	10	277	9	17	1,594	3,074
For fuel use	306	10	269	9	15	1,528	2,701
For chemical use	1	(s)	8	(s)	2	66	373
At gas processing plants	82	3	88	3	3	551	581
Stocks, total	2,697	---	2,012	---	1,704*	2,697	1,704
Refinery butane-propane mixture, total	323	---	262	---	322*	323	322
For fuel use	320	---	250	---	317*	320	317
For chemical use	3	---	12	---	5*	3	5
Plant butane-propane mixture, total	2,374	---	1,750	---	1,382*	2,374	1,382
At refineries	6	---	9	---	16*	6	16
At plants	2,368	---	1,741	---	1,366*	2,368	1,366
Imports	1,783	59	1,913	62	60	5,087	4,802
Plant butane-propane mixture used at refineries	238	8	195	6	5	1,181	1,302
Supplied for domestic use, total	1,249	42	1,851	60	17	5,072	7,027
Refinery butane-propane mixture, total	246	8	331	11	16	1,607	2,895
For fuel use	236	8	327	11	15	1,543	2,525
For chemical use	10	(s)	4	(s)	2	64	370
Plant butane-propane mixture	1,003	33	1,520	49	1	3,465	4,132
Ethane-propane mixture:							
Production	5,192	173	5,719	184	155	35,105	28,348
Stocks	8,956	---	8,719	---	5,861*	8,956	5,861
Imports	-		-	-	-	-	-
Supplied for domestic use	4,955	165	4,967	160	170	31,466	32,415
Isobutane:							
Production, total	3,156	105	3,107	100	112	19,120	19,114
At refineries	26	1	44	1	6	552	1,021
At gas processing plants	3,130	104	3,063	99	106	18,658	18,093
Stocks, total	10,762	---	11,032	---	6,684 *	10,762	6,684
Refinery isobutane	11	---	17	---	4 *	11	4
Plant isobutane, total	10,751	---	11,015	---	6,680 *	10,751	6,680
At refineries	922	---	931	---	866 *	922	866
At plants	9,829	---	10,084	---	5,814 *	9,829	5,814
Plant isobutane used at refineries	3,394	113	2,490	80	87	16,832	19,808
Supplied for domestic use:							
Refinery isobutane for chemical use	32	1	43	1	7	550	1,028
erosene (including range oil):							
Production, total	3,539	118	3,608	116	159	26,679	35,366
At refineries	3,538	118	3,605	116	159	26,660	35,346
At gas processing plants	1	(s)	3	(s)	(s)	19	20
Stocks, total	13,873	---	13,761	---	12,965*	13,873	12,965
At refineries	13,871	---	13,758	---	12,963*	13,871	12,963
At plants	2	---	3	---	2*	2	2
Imports	136	5	228	7	10	2,299	1,499
Exports	-	---	1	(s)	-	6	11
Supplied for domestic use	3,563	119	3,502	113	144	30,923	38,226
istillate fuel oil:							
Production, total	79,372	2,646	76,615	2,471	3,137	483,669	543,307
At refineries	79,357	2,645	76,600	2,471	3,137	483,581	543,224
At gas processing plants	15	1	15	(s)	1	88	83
Crude used directly as distillate	43	1	43	1	1	267	267
Stocks, total	195,818	---	183,096	---	141,381*	195,818	141,381
At refineries, total	195,790	---	183,072	---	141,365*	195,790	141,365
No. 4 fuel oil	3,406	---	2,961	---	2,746*	3,406	2,746
Other	192,384	---	180,111	---	138,619*	192,384	138,619
At plants	28	---	24	---	16*	28	16
Imports	3,236	108	3,894	126	180	29,026	33,525
Exports	1	(s)	35	1	1	1,138	592
Supplied for domestic use	69,928	2,331	74,448	2,402	2,707	544,729	651,516
esidual fuel oil:							
Production	47,242	1,575	46,729	1,507	1,534	296,780	307,087
Crude used directly as residual	430	14	380	12	14	2,439	2,439
Stocks	87,657	---	87,639	---	80,893*	87,657	80,893
Imports	[2]22,479	749	25,169	812	880	168,360	222,773
Exports	410	14	616	20	8	2,936	1,432
Supplied for domestic use	69,723	2,324	69,242	2,234	2,552	472,845	540,178
etrochemical feedstocks (excluding ethane and liquefied gases) :							
Production	20,089	670	23,384	754	736	145,364	120,445
Stocks	7,574	---	6,702	---	3,704*	7,574	3,704
Imports, total	1,247	42	865	28	10	3,757	1,559
Naphtha-400	-	-	-	-	-	-	-
Other	1,247	42	865	28	10	3,757	1,559
Exports, total	1,118	37	825	27	29	5,243	5,484
Naphtha-400	116	4	147	5	7	1,024	1,055
Other	1,002	33	678	22	22	4,219	4,429
Supplied for domestic use, total	19,346	645	22,631	730	709	140,299	117,258
Still gas	1,020	34	1,172	38	46	8,113	7,866
Naphtha-400	6,506	217	8,203	265	259	47,753	41,732
Other	13,256	442	13,256	428	404	84,433	67,660

See footnotes at end of table.

TABLE 2. - Comparative supply and disposition statistics (continued)

Item	June 1980		May 1980		June 1979	January-June (Incl (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Special naphthas:							
Production, total	2,797	93	3,180	103	109	18,817	18,042
At refineries	2,685	90	3,061	99	103	18,111	17,379
At gas processing plants	112	4	119	4	7	706	663
Stocks, total	4,922	---	4,581	---	3,497*	4,922	3,497
At refineries	4,840	---	4,501	---	3,366*	4,840	3,366
At plants	82	---	80	---	131*	82	131
Imports	114	4	121	4	22	563	2,595
Exports	36	1	286	9	3	794	755
Supplied for domestic use	2,534	84	2,728	88	136	17,922	20,512
Lubricants:							
Production	5,290	176	5,824	188	193	33,240	35,258
Stocks	12,332	---	12,454	---	11,267*	12,332	11,267
Imports	157	5	260	8	9	1,254	1,643
Exports, total	940	31	862	28	26	4,862	4,086
Grease	24	1	19	1	1	114	132
Oil	916	31	843	27	26	4,748	3,954
Supplied for domestic use	4,629	154	4,613	149	186	29,849	33,781
Wax (1 bbl. = 280 lbs.):							
Production	514	17	508	16	20	3,080	3,388
Stocks	610	---	630	---	684*	610	684
Imports	-	-	-	-	-	-	-
Exports	60	2	59	2	1	343	333
Supplied for domestic use	474	16	496	16	18	2,858	3,130
Coke (5 bbls. = 1 short ton):							
Production, total	11,228	374	11,310	365	378	67,068	67,335
Marketable coke	6,044	201	6,440	208	199	37,592	36,002
Catalyst coke	5,184	173	4,870	157	178	29,476	31,333
Stocks	5,687	---	5,553	---	10,023*	5,687	10,023
Exports	5,448	182	4,910	158	138	25,381	25,564
Supplied for domestic use	5,646	188	7,480	241	280	41,210	42,816
Asphalt (5.5 bbls. = 1 short ton):							
Production	13,400	447	11,987	387	546	66,651	72,562
Stocks	22,216	---	32,912	---	27,451*	22,216	27,451
Imports	129	4	145	5	6	434	367
Exports	16	1	12	(s)	(s)	65	62
Supplied for domestic use	24,209	807	12,994	419	662	63,845	66,260
Road oil:							
Production	233	8	368	12	14	1,162	1,545
Stocks	624	---	679	---	562*	624	562
Supplied for domestic use	288	10	253	8	14	882	1,211
Still gas for fuel:							
Production	18,035	601	16,637	537	582	99,029	101,219
Miscellaneous products:							
Production, total	2,540	85	2,597	84	101	17,001	22,150
At refineries	2,456	82	2,500	81	98	16,429	21,506
At gas processing plants	84	3	97	3	3	572	644
Stocks, total	1,958	---	1,897	---	2,462*	1,958	2,462
At refineries	1,859	---	1,835	---	2,425*	1,859	2,425
At plants	99	---	62	---	37*	99	37
Imports	43	1	35	1	(s)	238	250
Exports	18	1	15	(s)	(s)	82	73
Supplied for domestic use	2,504	83	2,438	79	94	18,641	23,401
Unfinished oils (net):							
Input (plus) Output (minus)	-445	-15	-4,479	-144	+29	-1,593	+9,036
Stocks	133,080	---	130,579	---	107,247*	133,080	107,247
Imports	2,056	69	2,731	88	63	13,835	7,560

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

* Stock: 1,000 barrels.

(s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.

"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 97.

TABLE 3. - Production of crude petroleum (including lease condensate) by State and P.A.D. District[1]

(Thousands of barrels)

State and District	June 1980		May 1980	June 1979	January - June (incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
District I:						
Florida	3,412	113.7	115.2	3,901	21,174	23,815
New York	73	2.4	2.4	63	428	383
Pennsylvania	356	11.9	11.8	321	1,997	1,963
Virginia	-	-	-	-	-	-
West Virginia	*222	7.4	7.1	195	999	1,179
Total	*4,063	135.4	136.5	4,480	24,598	27,340
District II:						
Illinois	1,850	61.7	63.9	1,880	11,425	10,555
Indiana	*411	13.7	13.5	399	2,259	2,163
Kansas	4,915	163.8	166.0	4,831	29,454	27,702
Kentucky	478	15.9	16.8	451	2,814	2,649
Michigan	*2,761	92.0	93.7	2,850	16,303	17,244
Missouri	8	0.3	0.3	4	34	27
Nebraska	509	17.0	17.4	507	3,061	2,984
North Dakota	3,377	112.6	105.5	2,576	19,323	14,228
Ohio	*1,068	35.6	34.4	963	6,331	6,474
Oklahoma	11,705	390.2	400.6	11,918	73,126	71,176
South Dakota	75	2.5	2.3	71	402	427
Tennessee	71	2.4	1.8	40	314	260
Total	*27,228	907.6	916.2	26,490	164,846	155,889
District III:						
Alabama	1,808	60.3	60.2	1,578	10,716	9,620
Arkansas	1,477	49.2	50.4	1,538	9,190	9,432
Louisiana, total	*38,031	1,267.7	1,316.8	40,631	239,898	245,270
Gulf Coast	35,288	1,176.3	1,224.7	38,000	223,525	229,892
Rest of State	2,743	91.4	92.1	2,631	16,373	15,378
Mississippi	2,960	98.7	97.6	3,183	18,641	19,371
New Mexico, total	6,029	201.0	206.3	6,488	38,648	39,098
Southeastern	5,547	184.9	190.7	5,963	35,426	36,269
Northwestern	482	16.1	15.6	525	3,222	2,829
Texas, total	*79,723	2,657.4	2,686.2	83,395	490,293	510,328
District 01	1,605	53.5	52.0	1,574	9,660	9,685
District 02	3,920	130.7	132.3	4,380	24,400	26,942
District 03	10,210	340.3	352.2	10,580	62,504	64,229
District 04	2,530	84.3	83.2	2,507	15,516	15,264
District 05	852	28.4	29.7	939	5,502	6,096
District 06, except East Texas	4,045	134.8	138.5	4,379	25,545	27,099
East Texas	4,826	160.9	161.0	5,020	29,404	30,170
District 07B	2,341	78.0	77.7	2,322	14,172	14,079
District 07C	2,593	86.4	86.8	2,473	15,796	15,012
District 08	19,481	649.4	662.1	19,939	120,616	124,178
District 08A	23,045	768.2	766.5	24,978	140,908	151,808
District 09	2,766	92.2	93.1	2,730	16,837	16,349
District 10	1,509	50.3	51.1	1,574	9,433	9,417
Total	*130,028	4,334.3	4,417.5	136,813	807,386	833,119
District IV:						
Colorado	2,438	81.3	77.8	2,742	14,686	16,535
Montana	2,415	80.5	79.8	2,499	14,858	14,443
Utah	2,035	67.8	65.6	2,180	12,412	13,552
Wyoming	*10,458	348.6	348.5	10,443	63,248	64,968
Total	*17,346	578.2	571.7	17,864	105,204	109,498
District V:						
Alaska[2]	48,778	1,625.9	1,627.5	37,400	297,722	239,013
Arizona	35	1.2	1.0	35	216	226
California, total	28,857	961.9	966.7	29,085	174,741	174,913
South	6,813	227.1	228.5	7,319	41,761	44,471
Central Coastal	4,659	155.3	152.3	5,039	28,835	30,189
East Central	17,367	578.9	585.4	15,894	104,042	99,315
North	18	0.6	0.6	833	103	938
Nevada	71	2.4	2.5	109	504	625
Total	77,741	2,591.4	2,597.7	66,629	473,183	414,777
**United States, total	*256,406	8,546.9	8,639.7	252,276	1,575,217	1,540,623
Pennsylvania Grade (included above)	*1,356	43.7	44.0	1,224	7,613	7,865

Sources: ERA-182, the U.S. Geological Survey, and State Conservation Agencies.

[1] Includes offshore production.

[2] North Slope Production: Current month, 46,062; Year-to-date, 280,356.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

** United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 3a. - Offshore production of crude petroleum (including lease condensate) by State[1]

(Thousands of barrels)

State	June 1980		May 1980	June 1979	January-June (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Alaska[2]	2,716	90.5	91.1	3,144	16,679	20,147
California, total	3,989	133.0	129.2	4,503	25,391	26,454
Federal	802	26.7	26.6	909	5,015	5,510
State	3,187	106.2	102.6	3,594	20,376	20,944
Louisiana, total	22,817	760.6	805.3	24,002	146,031	145,572
Federal	20,517	683.9	729.1	21,520	132,043	130,356
State	2,300	76.7	76.2	2,482	13,988	15,216
Texas, total	614	20.5	33.7	543	4,804	2,777
Federal	453	15.1	28.2	309	3,712	1,427
State	161	5.4	5.6	234	1,092	1,350
*United States, total	30,136	1,004.5	1,059.3	32,192	192,905	194,950

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3.

[2] All offshore production within State boundariea.

Note: Daily Average columna may not add due to independent rounding.

* United Statea ia defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 4. - Production of lease condensate by State[1]

(Thousands of barrels)

State	June 1980		May 1980	June	January - June (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alabama	997	33.2	32.9	675	5,888	4,170
California	14	0.5	0.6	17	103	110
Louisiana	5,757	191.9	201.2	6,249	37,693	37,698
Mississippi	*94	3.1	3.0	122	671	741
New Mexico	411	13.7	15.2	391	2,775	2,361
Oklahoma	570	19.0	21.0	518	3,489	3,012
Texas	2,852	95.1	97.4	2,859	18,860	17,595
Total	*10,695	356.5	371.4	10,831	69,479	65,687

Sources: State Conservation Agencies and the U.S. Geological Survey.

[1] These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

* Estimate.

Note: Daily Average columns may not add due to independent rounding.

TABLE 5. - Supply and disposition of crude oil (including lease condensate) in the United States

(Thousands of barrels)

Supply and Disposition	June 1980		May 1980	June 1979	January-June (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Supply:						
Production	256,406	8,547	8,640	252,276	1,575,217	1,540,623
Imports	164,404	5,480	5,071	198,561	1,036,896	1,171,520
Total new supply	420,810	14,027	13,711	450,837	2,612,113	2,712,143
Stock changes:						
Domestic crude	-3,608	-120	+338	-976	+35,269	+6,148
Foreign crude	+1,741	+58	-192	+12,201	+7,686	+31,537
Unaccounted for[1]	+333	+11	+97	+12,561	-13,645	+8,170
Disposition by use, total	423,010	14,100	13,661	452,173	2,555,513	2,682,628
Refinery inputs, domestic crude	252,938	8,431	8,164	251,100	1,476,769	1,492,142
Refinery inputs, foreign crude	158,198	5,273	5,162	193,078	1,017,759	1,139,800
Exports	10,960	365	308	7,048	55,607	45,170
Transfers	473	16	14	473	2,706	2,706
Losses	441	15	14	474	2,672	2,810

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522 and EM 594; and the U.S. Geological Survey.

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Note: Daily Average columns may not add due to independent rounding.

TABLE 6. - Indicated demand for total crude oil (including lease condensate) by State of origin and P.A.D. District

(Thousands of barrels)

State of Origin	June 1980		May 1980	June 1979	January-June (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
District I:						
Florida	3,513	117.1	118.9	3,877	20,028	24,722
New York	74	2.5	2.4	63	417	383
Pennsylvania	365	12.2	15.1	260	1,905	1,854
Virginia	-	-	-	-	-	-
West Virginia	166	5.5	10.3	197	1,038	1,135
Total	4,118	137.3	146.7	4,397	23,388	28,094
District II:						
Illinois	1,891	63.0	64.7	1,519	11,243	10,552
Indiana	364	12.1	11.1	463	2,126	2,153
Kansas	4,682	156.1	151.4	4,900	27,705	27,514
Kentucky	450	15.0	12.4	406	2,721	2,616
Michigan	3,497	116.6	75.6	2,611	16,382	17,224
Missouri	8	0.3	0.3	4	34	27
Nebraska	615	20.5	10.4	1,858	2,889	4,380
North Dakota	3,318	110.6	104.4	2,754	19,089	14,141
Ohio	1,276	42.5	39.0	1,052	7,092	6,445
Oklahoma	10,817	360.6	398.4	13,021	71,863	73,665
South Dakota	75	2.5	2.3	71	403	427
Tennessee	74	2.5	1.7	40	311	259
Total	27,067	902.2	871.4	28,699	161,858	159,403
District III:						
Alabama	1,611	53.7	63.1	1,552	10,586	9,295
Arkansas	1,568	52.3	48.2	1,430	9,067	9,286
Louisiana	39,673	1,322.4	1,316.3	41,088	239,255	243,892
Mississippi	2,772	92.4	109.6	3,095	17,558	19,460
New Mexico	5,866	195.5	198.6	7,193	37,170	39,304
Texas	82,709	2,757.0	2,489.8	83,005	480,061	503,060
Total	134,199	4,473.3	4,225.6	137,363	793,697	824,297
District IV:						
Colorado	2,551	85.0	72.2	3,220	14,529	16,622
Montana	3,039	101.3	47.8	2,704	14,190	14,342
Utah	2,236	74.5	54.4	1,977	12,124	13,476
Wyoming	11,066	368.9	315.6	9,494	59,314	60,371
Total	18,892	629.7	490.0	17,395	100,157	104,811
District V:						
Alaska	48,305	1,610.2	1,595.9	39,056	289,637	243,508
Arizona	15	0.5	1.0	35	196	226
California	27,341	911.4	968.2	26,193	170,521	173,504
Nevada	77	2.6	2.4	114	494	632
Total	75,738	2,524.6	2,567.5	65,398	460,848	417,870
*United States:						
Domestic crude	260,014	8,667.1	8,301.2	253.252	1,539,948	1,534.475
Foreign crude	162,663	5,422.1	5,262.8	186,360	1,029,210	1,139,983
Total	422,677	14,089.2	13,564.0	439,612	2,569,158	2,674,458
Pennsylvania Grade (included above)	1,449	48.3	54.5	1,223	4,640	7,759

Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

Note: Daily Average columns may not add due to independent rounding.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 7. - Stocks of crude oil by State

(Thousands of barrels)

State and P.A.D. District	Origin		Location				
	June 30, 1980	May 31, 1980	June 30, 1980				May 31, 1980
	Total	Total	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delaware, Maryland	-	-	1,822	-	-	1,822	1,755
Florida, Georgia, NC, VA, W. VA.	3,409	3,454	2,147	655	43	2,845	2,803
New Hampshire, New York, Rhode Island.	15	16	808	1,174	-	1,982	2,117
New Jersey	-	-	8,124	-	-	8,124	7,990
Pennsylvania	561	570	6,662	898	24	7,584	7,257
Total	3,985	4,040	19,563	2,727	67	22,357	21,922
District II:							
Illinois	2,273	2,314	5,224	17,201	77	22,502	23,986
Indiana	588	541	1,599	3,223	5	4,827	4,819
Iowa, Missouri, Nebraska	657	763	303	7,674	26	8,003	8,553
Kansas	5,975	5,742	2,893	7,980	224	11,097	11,162
Kentucky, Tennessee	343	318	1,288	4,068	13	5,369	5,256
Michigan	2,493	3,229	1,166	1,806	140	3,112	3,737
Minnesota, Wisconsin	-	-	2,179	2,875	-	5,054	5,651
North Dakota, South Dakota	2,157	2,098	207	932	136	1,275	1,274
Ohio	1,335	1,543	2,310	2,808	89	5,207	5,747
Oklahoma	16,477	15,589	2,130	23,950	692	26,772	27,259
Total	32,298	32,137	19,299	72,517	1,402	93,218	97,444
District III:							
Alabama	514	317	798	857	39	1,694	2,060
Arkansas	1,055	1,146	191	1,509	45	1,745	1,785
Louisiana	26,257	27,899	19,281	72,000	1,987	93,268	93,922
Mississippi	3,050	2,862	2,513	5,105	166	7,784	7,542
New Mexico	9,501	9,338	716	3,009	2,327	6,052	6,350
Texas	106,331	109,317	37,529	106,589	15,243	159,361	156,017
Total	146,708	150,879	61,028	[1]189,069	19,807	[2]269,904	267,676
District IV:							
Colorado	1,909	2,022	359	838	154	1,351	1,303
Montana	3,664	4,288	1,503	1,727	536	3,766	3,761
Utah	1,544	1,745	814	929	277	2,020	2,195
Wyoming	22,579	23,187	1,539	10,242	420	12,201	12,846
Total	29,696	31,242	4,215	13,736	1,387	19,338	20,105
District V:							
California	25,137	23,621	26,640	14,548	1,505	42,693	43,681
Other States[3]	43,716	43,229	7,943	17,712	61	25,716	24,265
Total	68,853	66,850	34,583	32,260	1,566	68,409	67,946
*United States:							
Domestic crude	[4]281,540	285,148	77,956	179,355	24,229	281,540	285,148
Foreign crude	191,686	189,945	60,732	130,954	-	[5]191,686	189,945
Total	473,226	475,093	138,688	310,309	24,229	473,226	475,093

Source: Form EIA-90.

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 168,029 located in the Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 1,724 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 15,598; District II, 21,740; District III, 143,809; District IV, 828; District V, 9,711.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 8. - Percent refinery yields of the major petroleum products from crude and unfinished oil reruns: June 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast	43.9	0.1	0.2	24.9	13.1	5.0	12.8
Appalachian # 1	36.1	1.1	0.6	26.1	7.2	6.9	22.0
Appalachian # 2	49.2	0.7	4.2	22.5	8.2	-	15.2
Indiana, Illinois, etc	55.7	0.5	0.7	17.8	6.2	6.2	12.9
Minnesota, Wisconsin, etc	53.6	-	-	25.8	5.3	3.7	11.6
Oklahoma, Kansas, etc	49.3	0.7	0.1	25.5	3.2	4.2	17.0
Texas Inland	45.9	1.3	0.3	21.8	6.1	8.4	16.2
Texas Gulf	40.8	1.0	1.6	16.5	10.7	6.2	23.2
Louisiana Gulf	43.9	0.1	1.6	20.7	10.5	9.9	13.3
Arkansas, Louisiana Inland, etc	23.6	4.4	0.1	28.5	13.2	2.8	27.4
New Mexico	32.5	-	3.1	26.4	14.3	12.8	10.9
Rocky Mountain	45.3	0.1	0.2	29.6	6.7	6.4	11.7
West Coast	41.7	0.8	0.3	12.5	23.5	11.0	10.2
*U.S. Totals:							
June 1980	44.9	0.7	0.9	19.3	11.5	7.3	15.4
May 1980	44.3	0.8	0.9	18.7	11.4	7.6	16.3
June 1979	43.5	0.7	1.1	21.4	10.4	6.5	16.4

Source: Form EIA-87.

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 9. - Refinery input and output: June 1980

(Thousands of barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United States*
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	41,638	4,132	45,770	1,513	64,096	7,282	29,847	102,738	13,472	94,574	64,532	5,529	2,597	180,704	12,990	68,934	411,136
Domestic	3,602	3,041	6,643	679	38,226	2,889	24,137	65,931	11,906	53,741	41,106	4,392	2,397	113,542	11,820	55,002	252,938
Foreign	38,036	1,091	39,127	834	[1]25,870	4,393	5,710	[1]36,807	1,566	40,833	23,426	1,137	200	67,162	1,170	13,932	[1]158,198
Unfinished oils rerun (net)	-183	-361	-544	+118	-719	-64	+116	-549	+778	+1,883	-2,724	+52	-106	-117	-144	+909	-445
Total crude and unfin. rerun	41,455	3,771	45,226	1,631	63,377	7,218	29,963	102,189	14,250	96,457	61,808	5,581	2,491	180,587	12,846	69,843	410,691
Natural gas liquids, total	8	19	27	93	1,982	358	1,281	3,714	919	3,208	1,756	570	149	6,602	452	788	11,583
L.P.G.	8	13	21	93	1,239	182	709	2,223	407	679	868	105	34	2,093	255	521	5,113
Natural gasoline	-	3	3	-	631	176	532	1,339	453	1,843	788	192	114	3,390	142	255	5,129
Unfractionated stream	-	3	3	-	112	-	40	152	59	686	100	273	1	1,119	55	12	1,341
Other hydrocarbons	80	25	105	-	213	-	28	241	34	436	211	-	1	682	20	414	1,462
Output																	
Gasoline, total	18,285	1,413	19,698	895	37,473	4,226	16,081	58,675	7,498	43,050	29,125	1,888	960	82,521	6,290	30,329	197,513
Motor gasoline	18,274	1,408	19,682	895	37,375	4,226	16,048	58,544	7,488	42,666	28,997	1,888	960	81,999	6,253	30,080	196,558
Aviation gasoline	11	5	16	-	98	-	33	131	10	384	128	-	-	522	37	249	955
Jet fuel, total	2,083	260	2,343	-	3,912	264	1,260	5,436	1,193	6,018	6,147	155	320	13,833	829	7,677	30,118
Naphtha-type	500	179	679	-	521	79	495	1,095	476	665	607	131	303	2,182	304	1,281	5,541
Kerosene-type	1,583	81	1,664	-	3,391	185	765	4,341	717	5,353	5,540	24	17	11,651	525	6,396	24,577
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	84	63	-	-	147	-	28	175
L.R.G., total	1,211	57	1,268	26	1,518	162	565	2,271	297	2,945	1,327	85	42	4,696	149	1,478	9,862
For fuel use	850	57	907	-	1,269	162	546	1,977	275	1,347	1,096	60	42	2,820	144	1,295	7,143
For chemical use	361	-	361	26	249	-	19	294	22	1,598	231	25	-	1,876	5	183	2,719
Kerosene	91	24	115	68	461	-	46	575	36	1,504	992	4	78	2,614	20	214	3,538
Distillate fuel oil	10,342	984	11,326	367	11,653	1,864	7,629	21,513	3,103	15,869	12,778	1,593	659	34,002	3,798	8,718	79,357
Residual fuel oil	5,425	272	5,697	133	3,932	387	978	5,430	875	10,368	6,523	740	358	18,864	868	16,383	47,242
Petrochemical feedstocks, total	388	88	476	-	475	2	146	623	689	13,647	3,890	111	-	18,337	18	635	20,089
Still gas	38	18	56	-	1	-	-	1	2	895	16	-	-	913	-	50	1,020
Naphtha-400°	324	-	324	-	201	2	112	315	82	4,629	1,344	43	-	6,098	7	250	6,994
Other	26	70	96	-	273	-	34	307	605	8,123	2,530	68	-	11,326	11	335	12,075
Special naphthas	56	42	98	12	289	-	222	523	187	956	90	244	-	1,477	13	574	2,685
Lube oil, total	427	331	758	-	491	-	432	923	27	2,309	666	107	-	3,109	29	471	5,290
Bright stock	67	152	219	-	9	-	41	50	-	173	64	-	-	237	1	41	548
Neutral	178	165	343	-	359	-	294	653	-	908	506	40	-	1,454	27	309	2,786
Other grades	182	14	196	-	123	-	97	220	27	1,228	96	67	-	1,418	1	121	1,956
Wax	26	40	66	-	27	-	33	60	5	137	103	45	-	290	8	90	[2] 514
Coke	831	26	857	23	2,136	289	946	3,394	253	2,404	1,259	62	18	3,996	253	2,728	11,228
Asphalt	2,999	151	3,150	76	2,766	394	1,282	4,518	491	793	763	903	101	3,051	708	1,973	13,400
Road oil	-	-	-	-	159	-	25	184	-	-	-	3	-	3	7	39	233
Still gas for fuel	1,501	115	1,616	-	2,963	93	2,673	5,729	430	4,045	2,565	180	62	7,282	485	2,923	18,035
Miscellaneous	115	36	151	1	194	17	126	338	238	671	630	33	-	1,572	18	377	2,456
Processing gain (-) or loss (+)	-2,237	-24	-2,261	+123	-2,877	-122	-1,172	-4,048	-119	-4,699	-3,146	-2	+43	-7,923	-175	-3,592	-17,999
Crude oil distillation units:																	
Gross input (1,000 b/d)[3]	1,404	139	1,543	58	2,195	253	1,002	3,508	479	3,227	2,221	200	89	6,216	450	2,338	14,055
Capacity (1,000 b/d)[4]	1,830	210	2,040	66	2,782	324	1,136	4,307	611	4,555	2,643	271	130	8,210	618	3,103	18,278
Operating ratio[5]	76.7	66.2	75.6	87.9	78.9	78.1	88.2	81.4	78.4	70.8	84.0	73.8	68.5	75.7	72.8	75.3	76.9

Source: Form EIA-87.

[1] Includes some Athabasca hydrocarbons.
[2] Includes: microcrystalline, 111; crystalline-fully refined, 269; and crystalline-other, 134.
[3] Includes crude oil, products of natural gas processing plants, and other oils charged to crude oil distillation units during the month.
[4] Represents operable capacity at the beginning of the month.
[5] Represents gross input divided by capacity.

Note: Input item "Unfractionated stream" includes Plant condensate.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

(Thousands of barrels)

Item	P.A.D. District 1			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	
	East Coast	Appa-lachian # 1	Total	Appa-lachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States*
Motor gasoline, total	71,424	4,890	76,314	3,305	44,929	8,780	22,081	79,095	8,981	31,335	18,302	13,320	1,002	72,940	8,350	27,884	264,583
Refinery	11,270	789	12,059	125	16,764	2,450	7,380	26,719	3,949	19,334	12,475	1,727	572	38,057	5,075	15,755	97,665
Bulk terminal	45,257	3,390	48,647	2,096	21,451	4,695	5,796	34,038	2,525	7,200	1,756	3,052	331	14,864	1,616	9,883	109,048
Pipeline	14,897	711	15,608	1,084	6,714	1,635	8,905	18,338	2,507	4,801	4,071	8,541	99	20,019	1,659	2,246	57,870
Aviation gasoline, total	439	54	493	-	441	75	114	630	93	475	275	25	37	905	28	613	2,669
Refinery	47	-	47	-	202	-	57	259	13	459	266	-	-	738	20	291	1,355
Bulk terminal	380	54	434	-	214	57	32	303	61	1	8	7	37	114	1	322	1,174
Pipeline	12	-	12	-	25	18	25	68	19	15	1	18	-	53	7	-	140
Naphtha-type jet fuel, total	521	74	595	10	529	91	712	1,342	412	567	596	277	281	2,133	300	1,565	5,935
Refinery	196	74	270	-	369	48	486	903	222	378	513	132	140	1,385	199	841	3,598
Bulk terminal	24	-	24	7	96	43	119	265	164	189	-	49	24	426	10	303	1,028
Pipeline	301	-	301	3	64	-	107	174	26	-	83	96	117	322	91	421	1,309
Kerosene-type jet fuel, total	8,732	456	9,188	179	6,001	931	2,931	10,042	992	4,488	2,598	1,694	46	9,818	638	6,662	36,348
Refinery	904	59	963	-	1,723	72	473	2,268	296	2,437	2,009	14	15	4,771	278	3,169	11,449
Bulk terminal	4,946	176	5,122	58	3,168	664	594	4,484	184	778	102	77	14	1,155	201	2,842	13,804
Pipeline	2,882	221	3,103	121	1,110	195	1,864	3,290	512	1,273	487	1,603	17	3,892	159	651	11,095
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	892	11	903	2	1,123	29	335	1,489	347	685	1,007	20	16	2,075	178	952	5,597
For fuel use	817	11	828	-	996	29	334	1,359	347	660	1,005	20	16	2,048	175	952	5,362
For chemical use	75	-	75	2	127	-	1	130	-	25	2	-	-	27	3	-	235
Kerosene, total	5,811	506	6,317	388	2,612	113	403	3,516	100	2,289	993	290	30	3,702	95	241	13,871
Refinery	280	135	415	58	738	31	319	1,146	41	1,717	850	12	30	2,650	58	116	4,385
Bulk terminal	5,426	361	5,787	243	1,606	78	49	1,976	20	515	24	21	-	580	37	125	8,505
Pipeline	105	10	115	87	268	4	35	394	39	57	119	257	-	472	-	-	981
Distillate fuel oil, total	82,292	3,471	85,763	2,556	27,663	8,648	17,914	56,781	3,158	18,273	9,455	6,274	460	37,620	3,506	12,120	[2]195,790
Refinery	7,283	628	7,911	60	8,835	2,172	6,982	18,049	1,049	11,589	5,616	979	247	19,480	2,195	5,646	53,281
Bulk terminal	67,383	2,578	69,961	1,813	16,094	5,083	5,774	28,764	1,649	3,483	1,693	1,454	102	8,381	761	5,589	113,456
Pipeline	7,626	265	7,891	683	2,734	1,393	5,158	9,968	460	3,201	2,146	3,841	111	9,759	550	885	29,053
Residual fuel oil, total	44,223	850	45,073	503	7,210	1,015	2,169	10,897	449	10,444	7,254	583	96	18,826	837	12,024	[4]87,657
Refinery	4,955	421	5,376	75	4,725	587	948	6,335	417	7,637	3,501	362	96	12,013	837	9,313	33,874
Bulk terminal	39,268	429	39,697	428	2,485	428	1,221	4,562	32	2,807	3,753	221	-	6,813	-	2,711	[4]53,783
Petrochemical feedstocks, total	128	111	239	-	474	2	72	548	506	4,775	1,122	53	-	6,456	4	327	7,574
Naphtha-400°	126	-	126	-	318	2	58	378	199	2,316	744	21	-	3,280	4	242	4,030
Other	2	111	113	-	156	-	14	170	307	2,459	378	32	-	3,176	-	85	3,544
Special naphthas, total	1,452	77	1,529	155	448	66	214	883	94	1,485	210	195	-	1,984	9	435	4,840
Refinery	44	52	96	15	196	-	214	425	73	1,485	201	195	-	1,954	9	365	2,849
Bulk terminal	1,408	25	1,433	140	252	66	-	458	21	-	9	-	-	30	-	70	1,991
Lube oil, total	2,917	1,142	4,059	49	1,297	26	591	2,063	49	3,219	1,190	245	17	4,720	66	1,424	[1]12,332
Bright stock	184	303	487	-	34	-	41	75	-	195	42	-	-	237	3	56	858
Neutral	673	583	1,256	-	516	-	455	971	-	1,005	663	51	-	1,719	55	554	4,555
Other grades	2,060	256	2,316	49	747	26	195	1,017	49	2,019	485	194	17	2,764	8	814	6,919
Wax	21	84	105	-	32	-	35	67	21	234	145	1	-	401	6	31	[3]610
Coke	990	-	990	-	1,208	335	383	1,926	6	467	220	8	-	701	395	1,675	5,687
Asphalt	2,080	479	2,559	934	4,986	2,181	1,990	10,091	524	629	938	1,397	334	3,822	2,929	2,815	[1]22,216
Road oil	-	-	-	-	569	-	7	576	-	-	-	2	-	2	10	36	624
Miscellaneous	154	39	193	-	197	9	266	472	92	413	332	58	-	895	-	299	[1]1,859
Unfinished oils	16,374	1,935	18,309	200	17,999	499	8,509	27,207	3,148	32,215	18,395	1,022	110	54,890	3,111	29,563	133,080
Refined products, total	238,450	14,179	252,629	8,281	117,718	22,800	58,326	207,625	18,972	111,993	63,032	25,464	2,429	221,890	20,462	98,666	801,27

Sources: Forms EIA-87, 88, and 89.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

[1] Includes bulk terminal stocks: Lubes, 2,821 ; Asphalt, 7,971 ; and Miscellaneous 72.

[2] Includes No. 4 fuel oil: P.A.D. District I, 2,043; P.A.D. District II, 138; P.A.D. District III, 904; P.A.D. District IV, 2; P.A.D. District V, 319.

[3] Includes microcrystalline, 112 ; crystalline-fully refined, 290 ; and crystalline-other, 208.

[4] Includes pipeline stocks: P.A.D. District V, 60.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 11. - Transportation of petroleum products by pipeline

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January - June (Incl.) 1980	January - June (Incl.) 1979
Turned into lines:					
Gasoline, total	183,295	181,672	182,386	1,081,323	1,105,807
Motor	182,926	181,320	181,943	1,079,591	1,103,944
Aviation	369	352	443	1,732	1,863
Jet fuel, total	31,827	32,276	29,566	192,223	192,490
Naphtha-type	3,412	3,784	3,598	21,106	21,642
Kerosene-type	28,415	28,492	25,968	171,117	170,848
Kerosene	1,534	1,625	1,356	14,085	16,825
Distillate fuel oil	56,475	60,151	64,737	323,128	422,057
Residual fuel oil	85	100	121	986	942
Natural gas liquids	55,041	49,629	55,817	314,765	329,819
Other products	121	[1]116	-	3,869	77
Delivered from lines:					
Gasoline, total	183,682	184,091	182,036	1,077,132	1,110,011
Motor	183,347	183,742	181,655	1,075,546	1,108,148
Aviation	335	349	381	1,586	1,863
Jet fuel, total	31,846	[1]29,933	30,619	188,198	188,806
Naphtha-type	3,580	3,455	3,646	20,938	21,661
Kerosene-type	28,266	[1]26,478	26,973	167,260	167,145
Kerosene	1,567	1,958	1,198	14,548	16,697
Distillate fuel oil	55,232	59,595	62,900	388,507	431,148
Residual fuel oil	81	130	100	947	911
Natural gas liquids	51,399	47,423	53,723	315,523	331,845
Other products	125	[1]29	11	3,773	77
Shortage (or overage):					
Gasoline, total	(47)	(845)	(16)	(1,542)	(2,759)
Motor	(28)	(861)	(9)	(1,581)	2,797
Aviation	(19)	16	(7)	39	38
Jet fuel, total	373	281	245	1,898	2,056
Naphtha-type	9	(31)	(31)	54	(25)
Kerosene-type	364	312	276	1,952	2,081
Kerosene	44	104	95	535	599
Distillate fuel oil	(20)	(222)	106	(1,408)	(1,873)
Residual fuel oil	(11)	1	-	8	-
Natural gas liquids	831	(1)	79	1,658	1,678
Other products	1	[1] -	-	1	-
Stocks in lines and working tanks at end of month:					
Gasoline, total	58,010	58,350	50,093	58,010	50,093
Motor	57,870	58,263	49,954	57,870	49,954
Aviation	140	87	139	140	139
Jet fuel, total	12,404	[1]12,796	8,655	12,404	8,655
Naphtha-type	1,309	1,486	1,110	1,309	1,110
Kerosene-type	11,095	[1]11,310	7,545	11,095	7,545
Kerosene	981	1,058	1,177	981	1,177
Distillate fuel oil	29,053	27,790	25,278	29,053	25,278
Residual fuel oil	60	45	21	60	21
Natural gas liquids	33,027	30,216	37,727	33,027	37,727
Other products	-	[1]5	-	-	-

Source: Form EIA-89.

[1] Revised.

TABLE 12. - Movements of petroleum products by pipeline between P.A.D. Districts

(Thousands of barrels)

Item	June	May	June	January - June (Incl.)	
	1980	1980	1979	1980	1979
From District 1 to District 2:					
Gasoline, total	4,246	4,927	4,363	26,388	27,293
Motor	4,246	4,914	4,352	26,360	27,258
Aviation	-	13	11	28	35
Jet fuel, total	352	77	78	1,207	1,370
Naphtha-type	-	-	-	-	-
Kerosene-type	352	77	78	1,207	1,370
Kerosene	-	3	3	188	185
Distillate fuel oil	1,704	1,351	1,420	8,415	8,600
From District 2 to District 1:					
Gasoline, total	882	632	1,099	5,162	5,391
Motor	882	632	1,099	5,162	5,391
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	10	54	116
Distillate fuel oil	121	158	142	1,100	1,252
Natural gas liquids	1,106	1,123	976	7,140	5,112
From District 2 to District 3:					
Gasoline, total	1,641	1,506	1,379	9,858	8,558
Motor	1,641	1,506	1,379	9,858	8,558
Jet fuel, total	94	128	95	607	346
Naphtha-type	60	59	95	328	346
Kerosene-type	34	69	-	279	-
Distillate fuel oil	407	564	580	2,301	2,356
Natural gas liquids	1,955	1,932	1,956	12,230	11,010
From District 2 to District 4:					
Gasoline, total	1,155	1,484	1,312	8,405	9,257
Motor	1,133	1,466	1,285	8,314	9,128
Aviation	22	18	27	91	129
Jet fuel, total	532	480	462	2,391	2,562
Kerosene-type	532	480	462	2,391	2,562
Kerosene	-	-	-	-	-
Distillate fuel oil	206	220	300	1,228	1,794
Natural gas liquids	52	71	47	918	862
From District 3 to District 1:					
Gasoline, total	39,641	40,867	37,905	229,013	222,142
Motor	39,641	40,835	37,882	228,923	222,017
Aviation	-	32	23	90	125
Jet fuel, total	5,672	4,962	5,186	31,827	33,217
Naphtha-type	70	110	122	758	687
Kerosene-type	5,602	4,852	5,064	31,069	32,530
Kerosene	153	407	283	4,273	5,212
Distillate fuel oil	13,809	14,957	14,785	97,371	101,082
Natural gas liquids	844	672	3,636	8,703	12,312
From District 3 to District 2:					
Gasoline, total	7,647	6,569	4,622	32,821	35,214
Motor	7,610	6,507	4,469	32,577	34,525
Aviation	37	62	153	244	689
Jet fuel, total	1,217	1,288	1,322	7,287	7,318
Naphtha-type	2	-	2	4	4
Kerosene-type	1,215	1,288	1,320	7,283	7,314
Kerosene	57	31	113	389	1,149
Distillate fuel oil	1,251	1,354	2,973	8,528	13,732
Natural gas liquids	5,326	6,560	7,057	33,994	48,407
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	720	720	891	4,912	5,276
Motor	720	720	891	4,912	5,276
Jet fuel, total	207	166	174	1,241	1,204
Naphtha-type	113	65	100	619	678
Kerosene-type	94	101	74	622	526
Distillate fuel oil	362	363	491	2,110	2,191
From District 4 to District 2:					
Gasoline, total	378	406	353	2,369	2,497
Motor	378	406	353	2,369	2.497
Jet fuel, total	26	5	13	111	183
Naphtha-type	17	-	10	66	138
Kerosene-type	9	5	3	45	45
Kerosene	-	-	-	-	-
Distillate fuel oil	303	353	214	1,870	1,759
Natural gas liquids	482	472	465	2,629	2,172
From District 4 to District 3:					
Natural gas liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	627	707	751	4,400	4,700
Motor	627	707	751	4,400	4,700
Jet fuel, total	160	142	106	821	836
Naphtha-type	82	89	75	474	434
Kerosene-type	78	53	31	347	402
Distillate fuel oil	277	359	309	1,503	1,382

Source: Form EIA-89.

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products

(Thousands of barrels)

Item	June	May	June	January-June (Incl.)	
	1980	1980	1979	1980	1979
District I to District II:					
Crude oil	66	-	-	66	-
Unfinished oils	23	9	13	77	200
Gasoline, total	1,067	1,330	956	9,298	7,993
Motor	1,067	1,330	956	9,298	7,993
Aviation	-	-	-	-	-
Special naphthas	-	-	10	8	10
Jet fuel, total	256	312	124	1,561	1,203
Naphtha-type	129	129	84	652	340
Kerosene-type	127	183	40	909	863
Kerosene	23	86	-	325	186
Distillate fuel oil	404	385	483	3,321	1,966
Residual fuel oil	-	-	-	20	34
Lubricating oil	17	15	-	61	121
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	18	18	10	193	312
Other products	-	-	-	-	-
Total	1,874	2,155	1,596	14,930	12,025
District I to District III:					
Crude oil	181	370	328	2,262	3,161
Unfinished oils	350	-	469	1,056	2,228
Gasoline, total	206	60	-	413	200
Motor	206	60	-	413	200
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	32	-	32
Naphtha-type	-	-	32	-	32
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	280	-	-	498	562
Residual fuel oil	30	6	19	130	407
Lubricating oil	155	73	19	711	359
Wax	-	1	-	11	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	25	94	-	253	-
Other products	9	254	116	324	188
Total	1,236	858	983	5,658	7,137
District II to District I:					
Crude oil	113	71	-	602	10
Unfinished oils	-	12	34	24	103
Gasoline, total	54	67	174	856	1,097
Motor	54	67	174	856	1,097
Aviation	-	-	-	-	-
Special naphthas	-	-	-	25	47
Jet fuel, total	-	22	30	238	35
Naphtha-type	-	-	-	-	-
Kerosene-type	-	22	30	238	35
Kerosene	-	-	-	-	5
Distillate fuel oil	-	7	89	379	769
Residual fuel oil	106	169	322	693	1,459
Lubricating oil	43	25	33	162	176
Wax	-	-	-	16	-
Asphalt and road oil	-	43	100	43	490
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	8	24	-	74	-
Other products	-	-	-	-	17
Total	324	440	782	3,112	4,208
District II to District III:					
Crude oil	-	-	-	-	-
Unfinished oils	533	150	272	1,128	851
Gasoline, total	77	156	-	1,096	187
Motor	77	156	-	1,064	187
Aviation	-	-	-	32	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	34	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	34	-
Kerosene	-	-	-	-	-
Distillate fuel oil	317	165	189	1,623	546
Residual fuel oil	657	777	20	4,307	63
Lubricating oil	-	-	29	53	62
Wax	-	-	-	9	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	20	107	20	389	48
Other products	-	-	-	370	10
Total	1,604	1,355	530	9,009	1,767

TABLE 13. - Interdistrict movements by tanker and barge of crude oil and petroleum products (continued)

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January-June (Incl.)	
				1980	1979
District III to District I:[1]					
Crude oil	495	832	466	3,061	3,460
Unfinished oils	196	639	393	2,407	2,124
Gasoline, total	10,590	12,819	11,921	75,530	94,440
Motor	10,368	12,593	11,695	74,120	93,055
Aviation	222	226	226	1,410	1,385
Special naphthas	360	276	476	2,238	2,674
Jet fuel, total	3,016	3,482	3,262	23,879	21,030
Naphtha-type	380	559	554	3,496	2,909
Kerosene-type	2,636	2,923	2,708	20,383	18,121
Kerosene	224	257	260	2,015	3,095
Distillate fuel oil	3,691	5,090	3,939	33,182	44,928
Residual fuel oil	6,202	6,829	2,782	41,488	23,560
Lubricating oil	897	808	1,044	6,211	5,277
Wax	15	23	15	121	105
Asphalt and road oil	117	371	345	1,915	1,882
Liquefied gases	50	15	-	95	385
Petrochemical feedstocks	97	211	161	1,017	945
Other products	263	350	133	2,959	3,289
Total	26,213	32,002	25,197	196,118	207,194
District III to District II:					
Crude oil	552	691	254	6,965	2,086
Unfinished oils	2	137	-	366	21
Gasoline, total	1,660	2,379	1,436	9,698	9,010
Motor	1,634	2,250	1,392	9,298	8,785
Aviation	26	129	44	400	225
Special naphthas	128	166	205	895	1,010
Jet fuel, total	121	200	225	961	1,643
Naphtha-type	-	-	-	-	-
Kerosene-type	121	200	225	961	1,643
Kerosene	7	13	20	305	295
Distillate fuel oil	650	583	698	2,681	3,761
Residual fuel oil	297	212	896	3,131	4,571
Lubricating oil	345	286	501	1,861	1,770
Wax	-	76	-	76	-
Asphalt and road oil	306	416	346	1,589	1,716
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	120	20	63	387	462
Other products	15	23	14	193	58
Total	4,203	5,202	4,658	29,108	26,610
District III to District V:					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	262	701	462
Gasoline, total	263	21	455	284	1,044
Motor	263	-	455	263	1,025
Aviation	-	21	-	21	19
Special naphthas	-	-	-	10	-
Jet fuel, total	-	-	170	718	1,462
Naphtha-type	-	-	-	487	-
Kerosene-type	-	-	170	231	1,462
Kerosene	-	-	23	-	23
Distillate fuel oil	-	-	6	34	620
Residual fuel oil	-	6	-	262	-
Lubricating oil	381	74	77	1,097	688
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	-	-	-	-	19
Total	644	101	993	3,106	4,318
District V to District I:					
Crude oil	3,381	2,724	1,143	16,407	7,104
Gasoline, total	-	-	-	251	-
Motor	-	-	-	251	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	-	-	20	-
Residual fuel oil	204	173	-	529	-
Lubricating oil	-	-	-	30	-
Other products	-	-	-	1	-
Total	3,585	2,897	1,143	17,238	7,104
District V to District III:					
Crude oil	9,127	7,249	2,784	51,454	26,283
Motor gasoline	-	-	-	-	104
Kerosene-type jet fuel	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	204	-
Wax	-	-	-	-	-
Lubricating oil	-	53	21	328	244
Unfinished oils	326	174	-	819	352
Other products	-	30	-	97	140
Total	9,453	7,506	2,805	52,902	27,123

Source: Form EIA-170.

[1] Breakdown by region shown in Table 13a.

TABLE 13a. - Tanker and barge movements of crude oil and petroleum products from the Gulf Coast to the East Coast, by region

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January-June (Incl.) 1980	January-June (Incl.) 1979
To New England: [1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	-	190	-
Gasoline, total	601	1,220	1,966	9,493	14,140
Motor	566	1,210	1,910	9,369	13,988
Aviation	35	10	56	124	152
Special naphthas	48	13	38	315	241
Jet fuel, total	386	366	514	2,926	4,018
Naphtha-type	107	-	-	107	239
Kerosene-type	279	366	514	2,819	3,779
Kerosene	76	142	118	878	944
Distillate fuel oil	410	863	1,503	9,203	13,033
Residual fuel oil	770	1,558	-	5,920	688
Lubricating oil	57	20	-	789	30
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	8	10	-	92	53
Total	2,356	4,192	4,139	29,806	33,147
To Central Atlantic: [1]					
Crude oil	495	832	466	2,957	3,460
Unfinished oils	63	329	267	1,209	1,699
Gasoline, total	479	1,072	921	6,270	14,522
Motor	427	1,033	869	5,948	14,188
Aviation	52	39	52	322	334
Special naphthas	261	167	306	1,420	1,501
Jet fuel, total	268	507	202	3,364	2,283
Naphtha-type	-	-	-	-	-
Kerosene-type	268	507	202	3,364	2,283
Kerosene	116	65	83	565	1,334
Distillate fuel oil	460	953	497	6,881	16,165
Residual fuel oil	1,578	1,316	1,159	11,859	7,892
Lubricating oil	576	606	816	4,063	3,932
Wax	15	23	15	121	105
Asphalt and road oil	46	29	30	75	100
Liquefied gases	-	-	-	-	147
Petrochemical feedstocks	84	192	140	912	748
Other products	19	135	79	1,874	2,740
Total	4,460	6,226	4,981	41,570	56,628
To Lower Atlantic: [1]					
Crude oil	-	-	-	104	-
Unfinished oils	133	310	126	1,008	425
Gasoline, total	9,510	10,527	9,034	59,767	55,378
Motor	9,375	10,350	8,916	58,803	54,479
Aviation	135	177	118	964	899
Special naphthas	51	96	132	503	932
Jet fuel, total	2,362	2,609	2,546	17,589	14,729
Naphtha-type	273	559	554	3,070	2,670
Kerosene-type	2,089	2,050	1,992	14,519	12,059
Kerosene	32	50	59	572	817
Distillate fuel oil	2,821	3,274	1,939	17,098	15,730
Residual fuel oil	3,854	3,955	1,623	23,709	14,980
Lubricating oil	264	182	228	1,359	1,315
Wax	-	-	-	-	-
Asphalt and road oil	71	342	315	1,840	1,782
Liquefied gases	50	15	-	95	238
Petrochemical feedstocks	13	19	21	105	197
Other products	236	205	54	993	496
Total	19,397	21,584	16,077	124,742	107,019

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

TABLE 14. - Imports of foreign crude oil

(Thousands of barrels)

P.A.D. District and Country of Origin	June 1980	May 1980	June 1979	January - June (Incl.)	
				1980	1979
All Districts:					
Algeria	14,593	12,862	15,995	89,762	113,798
Angola	972	1,910	1,267	7,879	6,111
Bolivia	-	-	-	301	-
Brunei	197	-	476	348	2,027
Cameroon	1,002	2,039	477	7,578	2,356
Canada[1]	5,582	6,384	7,129	41,112	51,753
Congo (Brazzaville)	-	-	-	468	909
Ecuador	696	-	1,048	3,522	6,451
Egypt	854	64	845	8,485	6,977
Gabon	911	1,391	1,099	5,290	6,986
Ghana	250	-	-	300	204
Guatemala	-	124	-	261	-
Indonesia	9,093	10,041	10,135	60,542	67,773
Iran	-	-	9,460	2,625	24,710
Iraq	-	937	7,177	6,703	18,304
Kuwait	513	960	-	5,334	482
Libya	16,837	14,374	22,518	107,456	121,979
Malaysia	1,735	1,571	1,440	11,135	9,302
Mexico	17,364	16,964	13,653	93,898	77,197
Netherlands	-	-	107	404	2,021
Nigeria	28,974	29,039	27,747	167,500	196,843
Norway	3,956	4,116	3,519	26,944	10,759
Oman	601	1,131	1,260	5,316	7,763
Peoples Republic of China	-	-	745	-	2,795
Peru	372	1,016	1,970	7,771	8,011
Qatar	495	696	1,591	6,237	5,226
Saudi Arabia	39,597	35,432	37,749	243,908	255,558
Spain	-	-	-	299	-
Syria	-	-	508	787	1,449
Trinidad	3,660	4,354	3,761	20,956	20,921
Tunisia	903	-	416	1,456	2,397
United Arab Emirates	5,343	5,331	8,456	41,713	54,566
United Kingdom	4,367	3,742	7,759	32,573	37,259
Venezuela	4,571	2,396	9,985	25,824	48,177
Zaire	966	331	269	2,209	456
Total[1]	[2]164,404	157,205	198,561	[2]1,036,896	1,171,520
To District I:					
Algeria	3,778	3,559	5,998	27,024	38,190
Angola	296	329	381	1,765	1,953
Cameroon	100	375	-	944	-
Canada	226	118	79	1,865	1,668
Ecuador	-	-	-	383	762
Egypt	341	58	262	3,836	6,394
Gabon	911	1,104	1,099	4,030	6,856
Indonesia	628	377	326	4,386	4,393
Iran	-	-	1,822	-	8,609
Iraq	-	-	2,217	-	3,213
Kuwait	513	585	-	3,036	-
Libya	2,783	3,084	4,078	22,853	14,035
Mexico	2,143	745	92	7,486	1,355
Netherlands	-	-	-	403	-
Nigeria	6,966	9,357	7,663	43,413	51,783
Norway	992	2,336	584	6,423	1,894
Oman	601	236	658	1,925	2,318
Peru	-	394	846	3,146	1,648
Qatar	-	696	738	1,150	1,479
Saudi Arabia	11,597	10,034	8,830	74,106	64,675
Spain	-	-	-	299	-
Trinidad	637	796	495	3,111	938
Tunisia	-	-	416	198	1,243
United Arab Emirates	-	-	243	3,161	2,484
United Kingdom	1,671	1,310	1,423	8,867	8,743
Venezuela	2,498	1,571	5,592	13,432	26,004
Zaire	666	331	269	1,909	456
Total	37,347	37,395	44,111	239,151	251,093

Continued on next page.

TABLE 14. - Imports of foreign crude oil (continued)

(Thousands of barrels)

P.A.D. District and Country of Origin	June 1980	May 1980	June 1979	January - June (Incl.) 1980	January - June (Incl.) 1979
To District II:					
Algeria	3,935	3,558	3,365	23,022	21,889
Cameroon	902	784	-	4,577	1,201
Canada	3,351	4,427	4,293	28,815	35,065
Ecuador	-	-	-	-	1,013
Egypt	-	-	-	525	-
Ghana	-	-	-	50	204
Guatemala	-	-	-	137	-
Iran	-	-	2,613	1,890	5,365
Iraq	-	-	307	-	3,673
Libya	7,777	5,745	11,305	42,957	64,290
Mexico	4,243	5,281	3,028	28,125	22,444
Nigeria	6,880	3,643	4,266	37,267	31,873
Norway	1,811	230	463	8,747	4,373
Oman	-	895	602	3,208	4,342
Peru	372	-	903	1,094	2,852
Qatar	28	-	853	1,647	3,252
Saudi Arabia	1,985	1,440	5,941	16,217	29,186
Syria	-	-	258	-	715
Trinidad	1,246	2,105	881	6,498	3,590
Tunisia	428	-	-	428	889
United Arab Emirates	1,365	1,867	723	9,402	7,651
United Kingdom	1,901	636	2,407	12,350	9,957
Venezuela	731	-	1,132	2,415	3,610
Total	36,955	30,611	43,340	229,371	257,434
To District III:					
Algeria	6,880	5,745	6,632	39,716	51,182
Angola	-	1,581	886	4,681	3,455
Bolivia	-	-	-	301	-
Cameroon	-	880	477	2,057	1,155
Congo (Brazzaville)	-	-	-	468	909
Ecuador	696	-	1,048	2,883	4,676
Egypt	513	6	583	4,124	583
Gabon	-	287	-	1,260	130
Ghana	250	-	-	250	-
Guatemala	-	124	-	124	-
Indonesia	-	-	1,076	-	3,958
Iran	-	-	5,025	735	10,736
Iraq	-	937	4,653	6,703	11,418
Kuwait	-	375	-	2,298	482
Libya	6,277	5,545	7,135	41,391	43,654
Malaysia	-	-	-	192	-
Mexico	10,978	10,938	10,533	58,287	53,398
Netherlands	-	-	107	1	2,021
Nigeria	15,128	16,039	15,818	86,707	112,973
Norway	1,153	1,550	2,472	11,459	4,492
Oman	-	-	-	183	1,103
Peru	-	404	221	2,922	1,366
Qatar	467	-	-	3,440	495
Saudi Arabia	25,778	23,958	21,733	152,604	156,673
Syria	-	-	250	787	734
Trinidad	1,777	1,453	2,385	11,347	16,393
Tunisia	475	-	-	830	265
United Arab Emirates	1,747	2,306	4,984	21,046	31,294
United Kingdom	795	1,796	3,929	11,356	18,559
Venezuela	895	825	3,015	8,353	16,973
Zaire	300	-	-	300	-
Total	74,109	74,749	92,962	[2]476,805	549,077
To District IV:					
Algeria	-	-	-	-	2,537
Canada	915	1,214	1,991	6,452	10,587
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
Total	915	1,214	1,991	6,846	13,484
To District V:[3]					
Angola	676	-	-	1,433	703
Brunei	197	-	476	348	2,027
Canada	1,090	625	766	3,980	4,433
Ecuador	-	-	-	256	-
Indonesia	8,465	9,664	8,733	56,156	59,062
Malaysia	1,735	1,571	1,440	10,943	9,302
Nigeria	-	-	-	-	214
Norway	-	-	-	315	-
Peoples Republic of China	-	-	745	-	2,795
Peru	-	218	-	609	2,145
Saudi Arabia	237	-	1,245	955	5,024
United Arab Emirates	2,231	1,158	2,506	8,104	13,137
Venezuela	447	-	246	1,624	1,590
Total	15,078	13,236	16,157	84,723	100,432

Source: Form ERA-60.

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January - June (Incl.)	
				1980	1979
All Districts:					
Motor gasoline, total	4,425	4,093	7,815	26,653	32,196
Receipts from Puerto Rico	690	1,036	1,830	4,556	6,892
Other	[1]3,735	3,057	5,985	22,097	25,304
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,208	1,114	858	6,571	3,193
Bonded aircraft fuel	-	-	-	-	-
Other	[1]1,208	1,114	858	6,571	3,193
Kerosene-type jet fuel, total	1,378	1,343	846	8,958	9,465
Bonded aircraft fuel	460	268	238	2,584	1,429
Receipts from Puerto Rico	-	-	-	-	-
Other	918	1,075	608	6,374	8,036
Ethane	1,471	1,854	1,177	10,239	9,760
Liquefied petroleum gases	4,048	3,703	3,683	27,125	28,598
Kerosene, total	136	228	294	2,299	1,499
Receipts from Puerto Rico	-	-	-	26	149
Other	[1]136	228	294	2,273	1,350
Distillate fuel oil, total	3,236	3,894	5,387	29,026	33,525
Bonded ships bunkers	20	-	-	25	5
For military offshore use	108	283	-	935	566
Receipts from Puerto Rico	560	700	503	3,542	2,942
No. 2 fuel oil	[1]2,521	2,746	3,536	23,752	26,043
No. 4 fuel oil	27	165	1,348	772	3,969
Residual fuel oil, total	22,479	25,169	26,398	168,360	222,773
Bonded ships bunkers	-	-	-	5	-
For military offshore use	40	-	-	559	94
Receipts from Puerto Rico	148	279	-	980	1,524
Other	[1]22,291	24,890	26,398	166,816	221,155
Petrochemical feedstocks, total	1,247	865	295	3,757	1,559
Receipts from Puerto Rico	61	128	218	690	1,120
Other	[1]1,186	737	77	3,067	439
Special naphthas	114	121	673	563	2,595
Lubricants	157	260	262	1,254	1,643
Wax	-	-	-	-	-
Asphalt	129	145	182	434	367
Miscellaneous	43	35	7	238	250
Total	40,071	42,824	47,877	285,477	347,423
District I:					
Motor gasoline, total	3,034	3,158	6,578	20,685	27,112
Receipts from Puerto Rico	690	765	1,499	3,969	6,337
Other	2,344	2,393	5,079	16,716	20,775
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	772	1,114	432	5,656	1,824
Bonded aircraft fuel	-	-	-	-	-
Other	772	1,114	432	5,656	1,824
Kerosene-type jet fuel, total	880	198	423	4,314	4,440
Bonded aircraft fuel	210	-	160	994	591
Receipts from Puerto Rico	-	-	-	-	-
Other	670	198	263	3,320	3,849
Ethane	-	-	-	1	2
Liquefied petroleum gases	497	324	411	4,169	5,672
Kerosene, total	136	228	294	2,299	1,499
Receipts from Puerto Rico	-	-	-	26	149
Other	136	228	294	2,273	1,350
Distillate fuel oil, total	3,016	3,280	4,017	27,337	30,842
Bonded ships bunkers	-	-	-	-	5
For military offshore use	108	201	-	613	263
Receipts from Puerto Rico	560	523	503	3,365	2,942
No. 2 fuel oil	2,321	2,391	3,367	22,587	24,864
No. 4 fuel oil	27	165	147	772	2,768
Residual fuel oil, total	20,220	22,095	24,312	153,777	209,188
Bonded ships bunkers	-	-	-	5	-
For military offshore use	40	-	-	559	94
Receipts from Puerto Rico	148	279	-	980	1,524
Other	20,032	21,816	24,312	152,233	207,570
Petrochemical feedstocks, total	1,068	811	125	2,442	658
Receipts from Puerto Rico	-	84	123	313	592
Other	1,068	727	2	2,129	66
Special naphthas	20	15	-	77	850
Lubricants	146	216	210	1,077	1,249
Wax	-	-	-	-	-
Asphalt	129	145	182	434	367
Miscellaneous	2	16	-	129	147
Total	29,920	31,600	36,984	222,397	283,850
District II:					
Motor gasoline	51	22	104	675	472
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	26	-	-	53	-
Bonded aircraft fuel	-	-	-	-	-
Other	26	-	-	53	-
Kerosene-type jet fuel, total	-	-	-	91	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	91	-
Ethane	1,471	1,854	1,177	10,238	9,758
Liquefied petroleum gases	2,189	2,234	2,417	15,440	16,245
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	-	-	-
No. 2 fuel oil	-	-	-	-	-
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil[2]	878	1,035	1,085	5,195	7,318
Petrochemical feedstocks	11	10	2	97	259
Special naphthas	92	88	20	391	144
Lubricants	1	6	7	14	30
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	40	19	7	108	53
Total	4,759	5,268	4,819	32,302	34,279

See footnotes at end of table.

TABLE 15. - Imports of finished petroleum products including receipts from Puerto Rico, the Virgin Islands, and Guam by P.A.D. District (continued)

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January - June (Incl.)	
				1980	1979
District III:					
Motor gasoline, total	500	490	663	2,335	1,673
Receipts from Puerto Rico		69	331	385	555
Other	500	421	332	1,950	1,118
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	-	-	-	-	212
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	-	212
Kerosene-type jet fuel, total	-	240	-	831	128
Bonded aircraft fuel	-	-	-	-	-
Other	-	240	-	831	128
Liquefied petroleum gases	839	678	435	3,188	1,627
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	478	-	685	26
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	177	-	177	-
No. 2 fuel oil	-	301	-	508	26
Residual fuel oil, total	1,106	909	-	3,205	288
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	1,106	909	-	3,205	288
Petrochemical feedstocks, total	168	44	125	864	599
Receipts from Puerto Rico	61	44	95	377	528
Other	107	-	30	487	71
Special naphthas	-	-	221	13	1,142
Lubricants	-	-	12	98	190
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	1	-	-	1	25
Total	2,614	2,839	1,456	11,220	5,910
District IV:					
Motor gasoline	-	-	4	44	120
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	226	164	219	2,050	2,284
Distillate fuel oil	-	-	4	-	4
Residual fuel oil	-	-	-	-	-
Special naphthas	-	2	-	2	-
Lubricants	-	1	-	1	-
Total	226	167	227	2,097	2,408
District V:					
Motor gasoline, total	840	423	466	2,914	2,819
Receipts from Puerto Rico	-	202	-	202	-
Other	840	221	466	2,712	2,819
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	410	-	426	862	1,157
Bonded aircraft fuel	-	-	- -	-	-
Other	410	-	426	862	1,157
Kerosene-type jet fuel, total	498	905	423	3,722	4,897
Bonded aircraft fuel	250	268	78	1,590	838
Other	248	637	345	2,132	4,059
Liquefied petroleum gases	297	303	201	2,278	2,770
Kerosene	-	-	-	-	-
Distillate fuel oil, total	220	136	1,366	1,004	2,653
Bonded ships bunkers	20	-	-	25	-
For military offshore use	-	82	-	322	303
No. 2 fuel oil	200	54	165	657	1,149
No. 4 fuel oil	-	-	1,201	-	1,201
Residual fuel oil, total	275	1,130	1,001	6,183	5,979
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	275	1,130	1,001	6,183	5,979
Petrochemical feedstocks	-	-	43	354	43
Special naphthas	2	16	432	80	459
Lubricants	10	37	33	64	174
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	25
Total	2,552	2,950	4,391	17,461	20,976

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 1,414; Naphtha-type jet fuel, 407; Distillate No. 2 fuel oil, 1,894; Kerosene, 136; Residual fuel oil, 4,076; Petrochemical feedstocks, 1,064; District III: Motor gasoline, 333; Petrochemical feedstocks, 107.

[2] Includes crude oil for direct burning as fuel: Current month, 97.

TABLE 16. - Imports of plant condensate and unfinished oils

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January - June (Incl.)	
				1980	1979
Plant condensate, total	261	249	397	2,100	2,546
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	-	-	110
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	249	218	323	1,697	1,939
P.A.D. District V	12	31	74	403	497
Unfinished oils, total	2,056	2,731	1,897	13,835	7,560
P.A.D. District I	[1]1,327	1,632	582	7,046	4,336
P.A.D. District II	29	21	268	152	324
P.A.D. District III	100	570	1,025	4,691	1,861
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	600	508	22	1,946	1,039

Sources: Form ERA-60 and FEA-P133.

[1] Includes receipts from Puerto Rico: 1,049.

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude-									Refinery receipts of foreign crude	
			By State of origin of domestic crude		By receiving State and method of transportation								
					Intrastate			Interstate					
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges		Pipelines	Tankers and barges
Delaware, Maryland ...	4,003	-	-	-	-	-	-	-	-	-		-	4,070
Fla., Ga., Va., N.C...	2,039	2	3,054	102	-	-	15	-	87	2,920		-	1,835
New Jersey, Rhode Is..	18,961	-	-	-	-	-	-	-	-	-		-	16,175
New York, New Hampshire	2,092	-	47	2	-	-	-	775	-	-		964	283
Pennsylvania: East ...	16,278	-	-	-	-	-	-	-	-	1,729		-	14,859
West ...	1,835	10	368	11	177	146	-	514	454	97		386	-
West Virginia	562	21	213	7	195	2	-	215	58	157		-	-
District I	[1]45,770	33	3,682	122	372	148	15	1,504	599	4,903		1,350	37,222
Illinois	31,725	2	2,099	70	1,021	2	-	18,113	1	7		12,216	-
Indiana	10,548	8	254	8	138	1	-	8,060	4	251		2,202	-
Kansas	12,521	-	5,148	172	4,459	280	-	4,536	-	-		3,384	-
Kentucky, Tennessee ..	6,195	-	247	8	-	145	-	1,276	70	381		4,390	89
Michigan	2,762	-	2,670	90	1,632	200	-	857	-	-		39	-
Minnesota, Wisconsin .	5,790	-	-	-	-	-	-	1,051	-	-		4,069	-
Missouri, Nebraska ...	2,067	-	651	22	-	2	-	2,009	-	-		-	-
N. and S. Dakota......	1,492	-	3,330	111	1,407	28	-	59	-	-		-	-
Ohio: East	1,513	-	1,184	39	73	-	-	650	-	-		824	-
West	[2]12,866	-	-	-	-	-	-	6,476	-	-		[2]6,353	-
Oklahoma	15,259	6	11,312	377	6,441	626	-	5,904	-	-		2,206	-
District II	102,738	16	26,895	897	15,171	1,284	-	48,991	75	639		35,683	89
Alabama	3,300	17	1,962	66	1,197	1, 5	15	1,040	77	39		260	296
Arkansas	1,468	-	1,497	50	1,198	72	-	90	-	-		112	-
Louisiana	55,143	284	43,461	1,149	21,001	1,350	7,158	3,946	211	3,697		576	17,802
Mississippi	10,150	-	2,774	92	1,159	222	-	2,674	9	187		86	5,794
New Mexico	2,597	-	5,370	179	1,421	777	-	30	47	-		200	-
Texas	108,046	368	83,758	2,792	52,347	1,911	1,160	4,075	-	6,037		10,050	35,146
District III	180,704	669	138,822	4,628	78,323	4,337	8,333	11,855	344	9,960		11,284	59,038
Colorado	1,034	-	2,427	81	283	145	-	667	-	-		-	-
Montana	3,287	-	1,843	62	503	115	-	1,531	11	-		1,223	-
Utah	3,811	1	1,838	61	841	497	-	2,245	89	-		-	-
Wyoming	4,858	1	11,702	390	4,808	104	-	16	38	-		-	-
District IV	12,990	2	17,810	594	6,435	861	-	4,459	138	-		1,223	-
California	55,172	36	26,829	894	21,750	2,084	2,600	41	-	19,582		-	8,432
Washington	10,120	-	-	-	-	-	-	-	-	4,190		1,089	4,853
Other States [3]	3,642	17	37,805	1,260	671	78	917	-	108	1,121		-	408
District V	68,934	53	64,634	2,154	22,421	2,162	3,517	41	108	24,893		1,089	13,693
*United States, total ..	411,136	773	251,843	8,395	122,722	8,792	11,865	66,850	1,264	40,395		[4]50,629	110,042
Daily Average	13,705	26	8,395	X	4,091	293	396	2,228	42	1,347		1,688	3,668

Source: Form EIA-87.

[1] Includes 24,641 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 18. - Refinery receipts of domestic crude oil, by States and Districts: June 1980
(Thousands of barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total*
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va.,	102	15	-	-	-	-	-	-	-	52	35	-	-	87	-	-	-	-	-	-	87
New Jersey	2,920	-	-	-	-	-	-	-	-		21	-	-	21	-	-	-	-	-	2,899	2,920
New York, New Hsmp.	775	-	-	150	-	-	-	-	150	-	371	-	174	545	-	80	-	-	80	-	775
Pennsylvania: East	1,729	-	-	-	-	-	-	-	-	-	28	-	497	525	-	-	-	-	-	1,204	1,729
West	1,388	323	63	371	-	577	-	30	978	-	-	-	-	-	-	24	-	-	24	-	1,065
West Virginia	627	197	-	-	-	430	-	-	430	-	-	-	-	-	-	-	-	-	-	-	430
P.A.D. District I	7,541	535	63	521	-	1,007	-	30	1,558	52	455	-	671	1,178	-	104	-	-	104	4,103	7,006
Illinois	19,144	1,023	858	1	140	-	654	426	1,221	204	2,858	1,620	9,974	14,656	-	172	-	619	791	595	18,121
Indiana	8,454	139	45	173	109	39	1,031	952	2,304	-	557	590	2,257	3,404	120	748	350	1,344	2,562	-	8,315
Kansas	9,275	4,739	-	-	-	-	16	1,991	2,007	-	-	-	1,188	1,188	226	68	-	784	1,078	263	4,536
Kentucky, Tennessee	1,872	145	68	519	-	167	-	-	686	165	680	-	128	973	-	-	-	-	-	-	1,727
Michigan	2,689	1,865	-	-	-	-	-	-	-	-	30	-	-	30	-	-	-	794	794	-	824
Minnesota, Wisconsin	1,051	-	-	-	-	-	841	136	977	-	-	-	-	-	-	74	-	-	74	-	1,051
Missouri, Nebraska	2,011	2	-	-	-	-	-	-	-	-	-	-	1,847	1,847	-	-	-	162	162	-	2,009
North Dakota	1,494	1,435	-	-	-	-	-	-	-	-	-	-	-	-	-	59	-	-	59	-	59
Ohio: East	723	73	-	40	-	-	-	-	40	-	610	-	-	610	-	-	-	-	-	-	650
West	6,476	-	12	661	-	-	-	-	661	202	1,515	-	3,846	5,563	50	-	-	190	240	-	6,476
Oklahoma	12,971	7,067	-	-	-	-	-	-	-	-	-	104	5,693	5,797	-	-	-	-	-	107	5,904
P.A.D. District II	66,160	16,488	983	1,394	249	206	2,542	3,505	7,896	571	6,250	2,314	24,933	34,068	396	1,121	350	3,893	5,760	965	49,672
Alabama	2,373	1,229	718	-	-	-	-	-	-	426	-	-	-	426	-	-	-	-	-	-	1,144
Arkansas	1,360	1,270	-	-	-	-	-	-	-	-	42	-	48	90	-	-	-	-	-	-	90
Louisiana	37,363	29,509	1,123	-	-	-	-	-	-	995	-	-	2,640	3,635	-	-	-	-	-	3,096	7,854
Mississippi	4,251	1,381	50	114	-	-	-	-	114	2	2,704	-	-	2,706	-	-	-	-	-	-	2,870
New Mexico	2,275	2,198	-	-	-	-	-	-	-	-	-	-	48	48	15	-	14	-	29	-	77
Texas	65,530	55,418	210	-	160	-	-	710	870	319	4,501	858	-	5,678	55	-	-	-	55	3,299	10,112
P.A.D. District III	113,152	91,005	2,101	114	160	-	-	710	984	1,742	7,247	858	2,736	12,583	70	-	14	-	84	6,395	22,147
Colorado	1,095	428	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	579	661	6	667
Montana	2,160	618	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,542	1,542	-	1,542
Utah	3,672	1,338	-	-	-	-	-	-	-	-	-	-	-	-	1,481	-	-	776	2,257	77	2,334
Wyoming	4,966	4,912	-	-	-	-	2	-	2	-	-	-	-	-	52	-	-	-	52	-	54
P.A.D. District IV	11,893	7,296	-	-	-	-	2	-	2	-	-	-	-	-	1,533	-	82	2,897	4,512	83	4,597
California	46,057	26,434	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19,623	19,623
Other States	7,085	1,666	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	54	5,365	5,419
P.A.D. District V	53,142	28,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	54	24,988	25,042
*United States, total	251,888	143,424	[1] 3,147	2,029	409	1,213	2,544	4,245	10,440	2,365	13,952	3,172	28,340	47,829	1,999	1,225	500	6,790	10,514	[2] 36,534	108,464
Daily average	8,396	4,780	105	68	14	40	85	142	348	79	465	106	945	1,595	67	41	17	226	350	1,218	3,616

Source: Form EIA-87.

[1] Florida, 3,037 ; New York, 47 ; Virginia, 2 ; Pennsylvania, 45

[2] Alaska, 36,056 ; Arizona, 0 ; California, 395 ; Nevada, 83

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 19.- Production of natural gas plant liquids in the United States: June 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	489	357	-	15	27	172	-	571	142	165	-	1,367
East Coast................	318	267	-	-	-	172	-	439	114	-	-	871
Appalachian No. 1..........	171	90	-	15	27	-		132	28	165	-	496
P.A.D. District II, total.......	1,866	2,116	308	439	984	75	-	3,922	1,210	1,566	9	8,573
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc...........	427	486	-	43	85	2	-	616	83	828	1	1,955
Minn., Wisc., etc..........	-	95	-	15	32	-	-	142	49	29	-	220
Okla., Kans., etc..........	1,439	1,535	308	381	867	73	-	3,164	1,078	709	8	6,398
P.A.D. District III, total......	6,013	9,397	4,884	2,640	4,264	657	44	21,886	7,579	-2,039	756	34,195
Texas Inland..............	961	3,059	1,699	630	1,082	414	31	6,915	2,764	6,754	362	17,756
Texas Gulf................	2,452	3,372	2,836	1,033	2,038	56	3	9,338	2,850	-11,611	5	3,034
Louisiana Gulf............	2,457	2,321	232	777	822	61	5	4,218	1,504	278	370	8,827
Ark., La. Inland, etc......	65	153	-	117	159	16	5	450	106	308	16	945
New Mexico................	78	492	117	83	163	110	-	965	355	2,232	3	3,633
P.A.D. District IV, total.......	1	426	-	6	77	177	1	687	326	899	15	1,928
P.A.D. District V, total........	-	198	-	30	73	-	37	338	349	24	-	711
*United States, total........	8,369	12,494	5,192	3,130	5,425	1,081	82	27,404	9,606	615	780	46,774

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

* United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 20.- Stocks of natural gas liquids at plants, terminals, refineries, and pipelines in the United States: June 30, 1980

(Thousands of barrels)

P.A.D. District and Refinery District	Ethane	Liquefied Gases							Natural gasoline & iso-pentane	Unfractionated stream[1]	Other products	Total	Stocks of N.G.L. at refineries	
		Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	3,595	-	44	121	35	-	3,795	26	-	-	3,821	-	16
East Coast...........	-	1,069	-	11	41	35	-	1,156	4	-	-	1,160	-	13
Appalachian No. 1....	-	2,526	-	33	80	-	-	2,639	22	-	-	2,661	-	3
P.A.D. District II, total.	1,849	24,376	2,348	2,287	5,696	83	1,084	35,874	2,041	1,135	56	40,955	959	458
Appalachian No. 2....	-	62	-	-	-	-	-	62	-	-	-	62	240	-
Ind., Ill., etc......	22	3,667	-	559	886	1	66	5,179	41	102	-	5,344	87	12
Minn., Wisc., etc....	1,082	652	-	4	8	-	360	1,024	40	4	8	2,158	63	232
Okla., Kans., etc....	745	19,995	2,348	1,724	4,802	82	658	29,609	1,960	1,029	48	33,391	569	214
P.A.D. District III, total	2,078	27,784	6,608	7,168	17,889	2,413	1,279	63,141	8,939	2,739	373	77,270	2,381	567
Texas Inland.........	732	3,930	401	303	1,633	388	850	7,505	1,131	1,192	211	10,771	40	44
Texas Gulf...........	834	13,509	6,194	4,297	12,398	1,356	25	37,779	5,415	1,241	10	45,279	1,618	256
Louisiana Gulf.......	508	4,309	-	2,536	3,543	7	360	10,755	2,194	134	113	13,704	707	149
Ark., La. Inland, etc	1	5,775	-	9	251	638	2	6,675	46	142	38	6,902	11	76
New Mexico...........	3	261	13	23	64	24	42	427	153	30	1	614	5	42
P.A.D. District IV, total.	-	166	-	1	67	40	-	274	176	31	3	484	48	118
P.A.D. District V, total..	-	262	-	329	94	53	5	743	17	2	-	762	59	21
*United States, total.	3,927	56,183	8,956	9,829	23,867	2,624	2,368	103,827	11,199	3,907	432	123,292	3,447	1,180

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.

TABLE 21. - Refinery input and stocks of natural gas plant products and refinery output and stocks of liquefied refinery gases, by product: June 1980
(Thousands of barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United** States
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total	8	19	27	93	1,982	358	1,281	3,714	919	3,208	1,756	570	149	6,602	452	788	11,583
Propane	-	-	-	-	236	4	2	242	-	-	156	-	-	156	-	-	398
Butane, total	8	13	21	93	998	178	707	1,976	407	540	683	105	23	1,758	255	467	4,477
Isobutane	8	12	20	51	893	61	588	1,593	276	499	646	92	20	1,533	43	205	3,394
Normal butane	-	1	1	42	52	18	33	145	49	28	37	6	3	123	3	76	348
Other	-	-	-	-	53	99	86	238	82	13	-	7	-	102	209	186	735
Butane-propane mix	-	-	-	-	5	-	-	5	-	139	29	-	11	179	-	54	238
Natural gasoline	-	3	3	-	631	176	532	1,339	453	1,843	788	192	114	3,390	142	255	5,129
Unfractionated stream [1]	-	3	3	-	112	-	40	152	59	686	100	273	1	1,119	55	12	1,341
*Stocks at refineries, total	13	3	16	240	99	295	783	1,417	84	1,874	856	87	47	2,948	166	80	4,627
Propane	-	-	-	-	16	-	-	16	-	252	26	-	-	278	2	-	296
Butane, total	-	-	-	240	70	63	569	942	40	1,366	677	11	4	2,098	46	59	3,145
Isobutane	-	-	-	33	41	35	212	321	24	243	242	11	4	524	29	48	922
Normal butane	-	-	-	207	29	15	335	586	7	1,123	348	-	-	1,478	2	11	2,077
Other	-	-	-	-	-	13	22	35	9	-	87	-	-	96	15	-	146
Butane-propane mix	-	-	-	-	1	-	-	1	-	-	4	-	1	5	-	-	6
Natural gasoline	13	3	16	-	9	232	214	455	43	84	147	16	42	332	24	21	848
Unfractionated stream [1]	-	-	-	-	3	-	-	3	1	172	2	60	-	235	94	-	332
Liquefied refinery gases:																	
Refinery output, total	1,211	57	1,268	26	1,518	162	565	2,271	297	2,945	1,327	85	42	4,696	149	1,478	9,862
Propane and/or propylene	980	52	1,032	26	1,460	136	539	2,161	207	2,322	989	49	13	3,580	87	870	7,730
Petrochemical	244	-	244	26	249	-	19	294	-	1,270	171	-	-	1,441	3	156	2,138
Other	736	52	788	-	1,211	136	520	1,867	207	1,052	818	49	13	2,139	84	714	5,592
Butane and/or butylene	228	5	233	-	58	26	26	110	75	581	193	35	19	903	61	492	1,799
Petrochemical	117	-	117	-	-	-	-	-	14	309	60	25	-	408	2	27	554
Other	111	5	116	-	58	26	26	110	61	272	133	10	19	495	59	465	1,245
Butane-propane mix	3	-	3	-	-	-	-	-	7	24	145	1	10	187	1	116	307
Petrochemical	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1
Other	3	-	3	-	-	-	-	-	7	23	145	1	10	186	1	116	306
Isobutane	-	-	-	-	-	-	-	-	8	18	-	-	-	26	-	-	26
*Stocks at refineries, total	892	11	903	2	1,123	29	335	1,489	347	685	1,007	20	16	2,075	178	952	5,597
Propane and/or propylene	876	9	885	2	989	22	243	1,256	171	557	854	5	4	1,591	62	174	3,968
Petrochemical	75	-	75	2	127	-	1	130	-	6	-	-	-	6	1	-	212
Other	801	9	810	-	862	22	242	1,126	171	551	854	5	4	1,585	61	174	3,756
Butane and/or butylene	16	2	18	-	134	7	90	231	176	38	89	15	12	330	113	603	1,295
Petrochemical	-	-	-	-	-	-	-	-	-	8	-	-	-	8	1	-	9
Other	16	2	18	-	134	7	90	231	176	30	89	15	12	322	112	603	1,286
Butane-propane mix	-	-	-	-	-	-	2	2	-	80	64	-	-	144	2	175	323
Petrochemical	-	-	-	-	-	-	-	-	-	1	2	-	-	3	-	-	3
Other	-	-	-	-	-	-	2	2	-	79	62	-	-	141	2	175	320
Isobutane	-	-	-	-	-	-	-	-	-	10	-	-	-	10	1	-	11

Sources: Forms EIA-87 and 64.
**United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the District of Columbia.
*Stocks as of June 30, 1980.
[1] Includes plant condensate.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District

(Thousands of barrels)

Item	June	May	June	January-June (Incl.)	
	1980	1980	1979	1980	1979
All Districts:					
Crude oil	10,960	9,533	7,048	55,607	45,170
Motor gasoline[1]	20	30	44	101	279
Jet fuel, total	35	62	15	318	183
Naphtha-type	-	-	-	20	1
Kerosene-type	35	62	15	298	182
Ethane	-	-	-	1	-
Liquefied gases, total	548	529	335	4,040	2,820
Propane	276	240	174	2,035	1,447
Butane	272	289	161	2,005	1,373
Kerosene	-	1	-	6	11
Distillate fuel oil	1	35	35	1,138	592
Residual fuel oil	410	616	237	2,936	1,432
Petrochemical feedstocks	1,118	825	882	5,243	5,484
Special naphthas	36	286	82	794	755
Lubricants	940	862	792	4,862	4,086
Wax	60	59	41	343	333
Coke	5,448	4,910	4,126	25,381	25,564
Asphalt	16	12	9	65	62
Miscellaneous products	18	15	9	82	73
Total	19,610	17,775	13,655	100,917	86,844
District I:					
Crude oil	162	263	-	1,027	-
Motor gasoline	-	1	1	5	6
Jet fuel, total	-	-	-	-	1
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	62	48	20	277	224
Propane	28	22	9	133	100
Butane	34	26	11	144	124
Kerosene	-	1	-	2	2
Distillate fuel oil	1	4	1	8	3
Residual fuel oil	-	-	-	75	2
Petrochemical feedstocks	43	44	33	283	222
Special naphthas	7	2	6	21	21
Lubricants	153	267	217	1,187	925
Wax	5	7	6	38	46
Coke	592	658	480	2,502	1,379
Asphalt	2	3	2	14	8
Miscellaneous products	16	13	7	71	59
Total	1,043	1,311	773	5,510	2,898
District II:					
Crude oil	1,978	2,563	1,887	17,687	13,090
Motor gasoline	-	1	-	1	-
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Liquefied gases, total	13	18	24	344	47
Propane	-	4	8	117	21
Butane	13	14	16	227	26
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	1	2	6
Residual fuel oil	-	-	-	-	56
Petrochemical feedstocks	56	138	90	376	191
Special naphthas	2	3	1	10	9
Lubricants	20	18	14	111	95
Wax	1	2	1	7	10
Coke	408	384	458	1,465	1,358
Asphalt	8	7	3	19	10
Miscellaneous products	-	-	-	-	-
Total	2,486	3,134	2,479	20,022	14,872

Continued on next page.

TABLE 22. - Exports of crude oil and petroleum products, including shipments to Puerto Rico, the Virgin Islands and the Pacific Territories, by P.A.D. District (continued)

(Thousands of barrels)

Item	June 1980	May 1980	June 1979	January-June (Incl.)	
				1980	1979
District III:					
Crude oil	-	-	-	3,327	-
Motor gasoline	-	-	36	-	178
Jet fuel, total	-	-	-	20	1
Naphtha-type	-	-	-	20	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	310	354	206	2,589	1,871
Propane	132	159	86	1,174	714
Butane	178	195	120	1,415	1,157
Kerosene	-	-	-	2	4
Distillate fuel oil	-	18	-	1,110	-
Residual fuel oil	171	503	-	2,111	-
Petrochemical feedstocks	786	636	688	4,083	3,964
Special naphthas	24	277	72	743	710
Lubricants	689	485	500	2,991	2,639
Wax	43	42	28	257	242
Coke	2,050	1,234	976	10,016	10,348
Asphalt	5	2	1	15	10
Miscellaneous products	2	2	2	11	14
Total	4,080	3,553	2,509	27,275	19,981
District IV:					
Crude oil	-	6	86	327	394
Liquefied gases, total	-	-	-	-	4
Propane	-	-	-	-	2
Butane	-	-	-	-	2
Kerosene	-	-	-	-	-
Petrochemical feedstocks	1	-	-	3	2
Special naphthas	-	-	-	-	-
Lubricants	1	2	1	8	4
Coke	-	-	-	-	-
Asphalt	-	-	1	2	3
Miscellaneous products	-	-	-	-	-
Total	2	8	88	340	407
District V:					
Crude oil	8,820	6,701	5,075	33,239	31,686
Motor gasoline	20	28	7	95	95
Jet fuel, total	35	62	15	298	181
Naphtha-type	-	-	-	-	-
Kerosene-type	35	62	15	298	181
Ethane	-	-	-	1	-
Liquefied gases, total	163	109	85	830	674
Propane	116	55	71	611	610
Butane	47	54	14	219	64
Kerosene	-	-	-	2	5
Distillate fuel oil	-	13	33	18	583
Residual fuel oil	239	113	237	750	1,374
Petrochemical feedstocks	232	7	71	498	1,105
Special naphthas	3	4	3	20	15
Lubricants	77	90	60	565	423
Wax	11	8	6	41	35
Coke	2,398	2,634	2,212	11,398	12,479
Asphalt	1	-	2	15	31
Miscellaneous products	-	-	-	-	-
Total	11,999	9,769	7,806	47,770	48,686

Sources: Form EIA-87 and Bureau of Census publications EM 522 and FM 594.

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

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[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

July 1980

Production of crude petroleum (including lease condensate) in the United States* uring July averaged 8,555,000 barrels per day, an increase of 8,000 barrels per day oove the June level, reports the Energy Information Administration, United States epartment of Energy. Compared with July of last year, this represented an increase f 200,000 barrels per day, or 2.4 percent. Imports of crude oil for the month of July veraged 4,645,000 barrels per day, representing a decrease of 835,000 barrels per day elow the June 1980 level and a decrease of 1,745,000 barrels per day, or 27.3 percent elow the amount reported for July 1979. There were no imports of crude oil into the trategic Petroleum Reserve during July 1980. Stocks of crude oil at the end of uly totaled 470,471,000 barrels as compared with 473,226,000 barrels at the end of he previous month and 402,953,000 barrels at the end of July 1979. At the end of July, tocks of crude oil in the Strategic Petroleum Reserve amounted to 91,191,000 barrels.

The average gross input to crude oil distillation units during July was 13,609,000 arrels per day. This figure reflects a decrease of 446,000 barrels per day, or 3.2 ercent below that reported for June 1980 and a decrease of 1,807,000 barrels per day, r 11.7 percent below the July 1979 level. The operating ratio of all refineries in the nited States*during July averaged 74.3 percent of the total operable crude oil istillation capacity. This compares with 76.9 percent in June 1980 and 87.2 percent n July 1979. These ratios are based upon the beginning-of-the-month operable capacities f 18,312,000 barrels per day for July, 18,278,000 barrels per day for June 1980, and 7,688,000 barrels per day for July 1979.

Production of products at natural gas processing plants during July averaged ,513,000 barrels per day compared with 1,559,000 barrels per day for the previous month nd 1,564,000 barrels per day during July 1979. Stocks of these products at natural as processing plants, terminals, and pipelines at the end of July totaled 133,127,000 arrels. This was 9.8 million barrels above the stocks on June 30, 1980 and 9.4 million arrels above those at the end of July 1979.

Total disposition of primary supply of all oils in July averaged 16,506,000 barrels er day. It included 15,962,000 barrels per day of products supplied for domestic use, rude oil exports of 238,000 barrels per day, refined products exports f 292,000 barrels per day, and crude oil losses of 14,000 barrels per day. Compared ith July of last year, total products supplied for domestic use decreased by 1,138,000 arrels per day, or 6.6 percent. During this month motor gasoline, distillate fuel oil, nd residual fuel oil accounted for 42, 14, and 14 percent, respectively, of the total roducts supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 550.9 for uly 1980, compared with 549.0 for June 1980 and 370.5 for July 1979 reports the ureau of Labor Statistics publication, "Producer Price Indexes- July 1980." The nadjusted producer price index for refined products was 693.3 for July 1980, compared ith 681.1 for June 1980, and 449.5 for July 1979.

*United States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, lus the District of Columbia.

Prepared December 15, 1980 in the Office of Oil and Gas Statistics

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Table 1. Supply, Disposition, and Stocks of All Oils

	Item	July 1980		June 1980		July 1979	January - July (Incl.) (1,000 Bbls.)	
		1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	49,983	1,612	48,778	1,626	1,405	347,705	282,57
(2)	Lower 48 states	215,218	6,943	207,628	6,921	6,950	1,492,713	1,517,05
(3)	Total U.S.	265,201	8,555	256,406	8,547	8,355	1,840,418	1,799,63
	Imports:							
(4)	Imports (gross excl. SPR)[1]	144,009	4,645	164,404	5,480	6,349	1,180,905	1,346,26
(5)	SPR imports	-	-	-	-	41	-	23,341
(6)	Exports [2]	-7,367	-238	-10,960	-365	-244	-62,974	-52,74
(7)	Imports (net including SPR)	136,642	4,408	153,444	5,115	6,145	1,117,931	1,316,86
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-	-	-	-	-49	-	-23,241
(9)	Other stock withdrawals (plus) or additions (minus)	+2,755	+89	+1,867	+62	+421	-40,200	-2,93
(10)	Used directly & losses	-894	-29	-914	-30	-31	-6,272	-6,46
(11)	Unaccounted for [3]	+7,069	+228	+333	+11	+257	-6,576	+16,14
(12)	Total other source	+8,930	+288	+1,286	+43	+598	-53,048	-16,49
(13)	Crude input to refineries (13) = (3) + (7) + (12)	410,773	13,251	411,136	13,705	15,098	2,905,301	3,099,991
	Natural gas plant liquids (NGPL):							
(14)	Production	46,915	1,513	46,774	1,559	1,564	338,233	331,75
(15)	Imports	177	6	261	9	10	2,277	2,841
(16)	Stock withdrawals (plus) or additions (minus)	-1,622	-52	+296	+10	-41	-3,619	-2,60
(17)	Total NGPL Supply	45,470	1,467	47,331	1,578	1,533	336,891	331,99
	Other liquids:							
	Unfinished oils:							
(18)	Imports	1,063	34	2,056	69	51	14,898	9,14
(19)	Stock withdrawals (plus) or additions (minus)	+1,442	+47	-2,501	-83	-127	-13,986	-2,47
(20)	Net returns, input (plus) output (minus)	+2,505	+81	-445	-15	-76	+912	+6,67
(21)	Other hydrocarbons	1,315	42	1,462	49	58	10,842	8,11
(22)	Refinery processing gain	18,609	600	17,999	600	537	127,450	103,19
(23)	Crude used directly	453	15	473	16	15	3,159	3,15
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	22,882	738	19,489	650	533	142,363	121,13
(25)	Total production of refined products (25) = (13) + (17) + (24)	479,125	15,456	477,956	15,932	17,164	3,384,555	3,553,11
	Refined product imports:							
(26)	Imports (gross)	42,181	1,361	40,071	1,336	1,871	327,658	405,42
(27)	Exports [2]	-9,066	-292	-8,650	-288	-258	-54,376	-49,66
(28)	Imports (net)	33,115	1,068	31,421	1,047	1,613	273,282	355,76
(29)	Total new supply of products (29) = (25) + (28)	512,240	16,524	509,377	16,979	18,778	3,657,837	3,908,88
(30)	Refined products stock withdrawn (plus) or added (minus)	-17,413	-562	[6] -22,968	[6] -766	-1,677	-25,484	+60,52
(31)	Total products supplied for domestic use (31) = (29) + (30)	494,827	15,962	[6] 486,409	[6] 16,214	17,100	3,632,353	3,969,40
(32)	Motor gasoline	208,799	6,735	199,824	6,661	6,850	1,407,464	1,504,19
(33)	Distillate fuel oil	68,990	2,225	69,928	2,331	2,552	613,719	730,64
(34)	Residual fuel oil	70,887	2,287	69,723	2,324	2,451	543,732	616,15
(35)	Jet fuel, total	34,396	1,110	31,696	1,057	1,105	230,518	226,181
(36)	Liquefied gases	26,100	842	26,738	891	1,055	233,814	264,56
(37)	Other	85,655	2,763	[6] 88,500	[6] 2,950	3,087	603,106	627,66
(38)	Total products supplied (38) = (32) through (37)	494,827	15,962	[6] 486,409	[6] 16,214	17,100	3,632,353	3,969,40
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	379,280	---	382,035	---	312,852*	---	---
(40)	Strategic petroleum reserve(SPR)	91,191	---	91,191	---	90,101*	---	---
(41)	Unfinished oils	131,638	---	133,080	---	111,193*	---	---
(42)	Natural gasoline [4] and unfractionated stream [5]	17,908	---	16,286	---	13,730*	---	---
(43)	Refined products	805,209	---	[6] 787,796	---	728,346*	---	---
(44)	Total	1,425,226	---	[6] 1,410,388	---	1,256,222*	---	---

[1] Imports of crude oil include some Athabasca hydrocarbons.

[2] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[3] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[4] Includes isopentane.

[5] Includes plant condensate.

[6] Revised.

*Stocks: 1,000 barrels.

Note: Barrels per day columns may not add due to independent rounding.

Sources: Forms ERA-60 and FEA-P133; Forms EIA-64, 87, 88, 89, 90; Form ERA-182; Bureau of Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics

Item	July 1980		June 1980		July 1979	January - July (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Gross input to crude oil distillation units.	421,881	13,609	421,661	14,055	15,416	2,989,225	3,158,290
Isopentane:							
Production	753	24	778	26	28	4,775	5,329
Stocks at plants	887	---	787	---	212*	887	212
Used at refineries	653	21	596	20	24	4,195	5,281
Supplied for domestic use	-	-	1	(s)	-	1	-
Natural gasoline:							
Production	6,728	217	8,828	294	231	56,610	54,447
Stocks, total	11,449	---	11,260	---	8,560*	11,449	8,560
At refineries	934	---	848	---	1,102*	934	1,102
At plants	10,515	---	10,412	---	7,458*	10,515	7,458
Imports	-	-	-	-	-	-	-
Used at refineries	5,427	175	4,533	151	182	44,903	37,869
Supplied for domestic use	1,112	36	4,299	143	26	9,816	14,766
Unfractionated stream (including Plant condensate):							
Production	2,715	88	615	20	63	12,731	12,263
Stocks, total	5,572	---	4,239	---	4,958*	5,572	4,958
At refineries	250	---	332	---	485*	250	485
At plants	5,322	---	3,907	---	4,473*	5,322	4,473
Imports	177	6	261	9	10	2,277	2,841
Used at refineries	1,553	50	1,341	45	58	13,785	14,283
Supplied for domestic use	6	(s)	8	-	(s)	74	74
Finished gasoline:							
Production, total	201,749	6,508	198,081	6,603	7,066	1,407,174	1,476,243
At refineries	201,125	6,488	197,513	6,584	7,048	1,403,511	1,472,792
At gas processing plants	624	20	568	19	19	3,663	3,451
Stocks, total	263,764	---	267,473	---	244,125*	263,764	244,125
At refineries	263,512	---	267,252	---	243,902*	263,512	243,902
At plants	252	---	221	---	223*	252	223
Imports	4,621	149	4,425	148	223	31,274	39,098
Exports	99	3	20	1	1	200	306
Supplied for domestic use	209,980	6,774	201,005	6,700	6,897	1,414,824	1,511,841
Motor gasoline:							
Production, total	200,417	6,465	197,068	6,569	7,022	1,399,626	1,469,066
At refineries	199,826	6,446	196,558	6,552	7,006	1,396,345	1,466,143
At gas processing plants	591	19	510	17	16	3,281	2,923
Stocks, total	260,857	---	264,717	---	241,675*	260,857	241,675
At refineries	260,711	---	264,583	---	241,536*	260,711	241,536
At plants	146	---	134	---	139*	146	139
Imports	4,621	149	4,425	148	222	31,274	39,091
Exports	99	3	20	1	1	200	306
Supplied for domestic use	208,799	6,735	199,824	6,661	6,850	1,407,464	1,504,198
Aviation gasoline:							
Production, total	1,332	43	1,013	34	44	7,548	7,177
At refineries	1,299	42	955	32	42	7,166	6,649
At gas processing plants	33	1	58	2	3	382	528
Stocks, total	2,907	---	2,756	---	2,450*	2,907	2,450
At refineries	2,801	---	2,669	---	2,366*	2,801	2,366
At plants	106	---	87	---	84*	106	84
Imports	-	-	-	-	(s)	-	7
Supplied for domestic use	1,181	38	1,181	39	47	7,360	7,643
Jet fuel, total:							
Production	30,182	974	30,118	1,004	964	214,856	211,410
Stocks	40,902	---	42,283	---	34,152*	40,902	34,152
Imports	2,885	93	2,586	86	90	18,414	15,455
Exports	52	2	35	1	1	370	199
Supplied for domestic use	34,396	1,110	31,696	1,057	1,105	230,518	226,181
Naphtha-type:							
Production, total	5,805	187	5,541	185	187	38,827	37,358
At refineries	5,805	187	5,541	185	187	38,827	37,358
At gas processing plants	-	-	-	-	-	-	-
Stocks, total	6,676	---	5,935	---	5,067*	6,676	5,067
At refineries	6,676	---	5,935	---	5,067*	6,676	5,067
At plants	-	---	-	---	-*	-	-
Imports	1,322	43	1,208	40	23	7,893	3,918
Exports	-	-	-	-	-	20	1
Supplied for domestic use	6,386	206	6,427	214	212	45,618	42,168
Kerosene-type:							
Production	24,377	786	24,577	819	778	176,029	174,052
Stocks	34,226	---	36,348	---	29,085*	34,226	29,085
Imports	1,563	50	1,378	46	67	10,521	11,537
Exports	52	2	35	1	1	350	198
Supplied for domestic use	28,010	904	25,269	842	894	184,900	184,013

*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition - Continued

Item	July 1980		June 1980		July 1979	January - July (Inc (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Ethane (including ethylene):							
Production, total	8,468	273	**8,544**	**285**	293	61,412	62,746
At refineries	112	4	**175**	**6**	7	1,288	1,762
At gas processing plants	8,356	270	**8,369**	279	286	60,124	60,984
Stocks, total	3,976	---	**3,927**	---	6,906*	3,976	6,906
At refineries	-	---	-	---	-*	-	-
At plants	3,976	---	**3,927**	---	6,906*	3,976	6,906
Imports	1,186	38	**1,471**	49	71	11,425	11,946
Exports	-	-	-	-	-	1	-
Supplied for domestic use, total	9,605	310	**9,754**	325	345	74,617	74,634
Refinery ethane/ethylene	112	4	**175**	6	7	1,288	1,762
Plant ethane	9,493	306	**9,579**	319	338	73,329	72,872
Liquefied gases:							
Production, total	37,585	1,212	37,266	1,242	1,283	269,101	267,051
At refineries (L.R.G.), total	10,086	325	9,862	329	354	70,396	73,434
For fuel use	7,686	248	7,143	238	243	50,986	49,998
For chemical use	2,400	77	2,719	91	111	19,410	23,436
At gas processing plants (L.P.G.)	27,499	887	27,404	913	929	198,705	193,617
Stocks, total	121,482	---	112,871	---	113,563*	121,482	113,563
L.R.G., total	6,379	---	5,597	---	6,435*	6,379	6,435
For fuel use	6,138	---	5,362	---	6,204*	6,138	6,204
For chemical use	241	---	235	---	231*	241	231
L.P.G., total	115,103	---	107,274	---	107,128*	115,103	107,128
At refineries	3,128	---	3,447	---	2,872*	3,128	2,872
At plants	111,975	---	103,827	---	104,256*	111,975	104,256
Imports	4,140	134	4,048	135	160	31,265	33,565
Exports	541	17	548	18	10	4,581	3,123
L.P.G. used at refineries	6,473	209	5,113	170	180	45,621	48,625
Supplied for domestic use, total	26,100	842	26,738	891	1,055	233,814	264,562
L.R.G. for fuel use	6,910	223	6,761	225	286	50,724	50,936
L.R.G. for chemical use	2,394	77	2,710	90	111	19,293	23,474
L.P.G. for fuel and chemical use	16,796	542	17,267	576	658	163,797	190,152
Propane (including propylene):							
Production, total	20,599	664	20,224	674	716	150,073	152,416
At refineries, total	7,785	251	7,730	258	281	57,736	57,162
For fuel use	5,719	184	5,592	186	190	41,917	38,412
For chemical use	2,066	67	2,138	71	91	15,819	18,750
At gas processing plants	12,814	413	12,494	416	435	92,337	95,254
Stocks, total	66,271	---	60,447	---	73,460*	66,271	73,460
Refinery propane/propylene, total	4,734	---	3,968	---	4,616*	4,734	4,616
For fuel use	4,511	---	3,756	---	4,400*	4,511	4,400
For chemical use	223	---	212	---	216*	223	216
Plant propane, total	61,537	---	56,479	---	68,844*	61,537	68,844
At refineries	247	---	296	---	466*	247	466
At plants	61,290	---	56,183	---	68,378*	61,290	68,378
Imports	1,041	34	1,290	43	70	13,131	16,820
Exports	223	7	276	9	6	2,258	1,622
Plant propane used at refineries	383	12	398	13	14	3,010	2,865
Supplied for domestic use, total	15,210	491	16,230	541	636	155,458	177,223
Refinery propane/propylene, total	7,019	226	7,437	248	274	57,146	57,697
For fuel use	4,964	160	5,322	177	184	41,443	38,926
For chemical use	2,055	66	2,115	70	90	15,703	18,771
Plant propane	8,191	264	8,793	293	362	98,312	119,526
Butane (including butylene):							
Production, total	8,125	262	8,305	277	277	53,797	54,521
At refineries, total	1,756	57	1,799	60	57	9,969	11,670
For fuel use	1,470	47	1,245	42	42	7,044	8,561
For chemical use	286	9	554	18	14	2,925	3,109
At gas processing plants	6,369	205	6,506	217	220	43,828	42,851
Stocks, total	32,754	---	30,009	---	25,714*	32,754	25,714
Refinery butane/butylene, total	1,331	---	1,295	---	1,522*	1,331	1,522
For fuel use	1,324	---	1,286	---	1,510*	1,324	1,510
For chemical use	7	---	9	---	12*	7	12
Plant butane, total	31,423	---	28,714	---	24,192*	31,423	24,192
At refineries	2,048	---	2,223	---	1,567*	2,048	1,567
At plants	29,375	---	26,491	---	22,625*	29,375	22,625
Imports	2,286	74	975	32	66	12,234	11,179
Exports	318	10	272	9	4	2,323	1,501
Plant butane used at refineries	1,812	58	1,083	36	68	20,320	21,594
Supplied for domestic use, total	5,536	179	4,272	142	207	35,914	40,304
Refinery butane/butylene, total	1,720	55	1,756	59	106	10,149	12,254
For fuel use	1,432	46	1,203	40	92	7,224	9,138
For chemical use	288	9	553	18	14	2,925	3,116
Plant butane	3,816	123	2,516	84	101	25,765	28,050

*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics - Continued

Item	July 1980		June 1980		July 1979	January-July (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Liquefied gases (continued):							
Butane-propane mixture:							
Production, total	581	19	389	13	14	2,726	4,084
At refineries, total	502	16	307	10	11	2,096	3,406
For fuel use	497	16	306	10	10	2,025	3,025
For chemical use	5	(s)	1	(s)	(s)	71	381
At gas processing plants	79	3	82	3	3	630	678
Stocks, total	2,090	---	2,697	---	1,618*	2,090	1,618
Refinery butane-propane mixture, total	306	---	323	---	294*	306	294
For fuel use	303	---	320	---	294*	303	294
For chemical use	3	---	3	---	-*	3	-
Plant butane-propane mixture, total	1,784	---	2,374	---	1,324*	1,784	1,324
At refineries	6	---	6	---	7*	6	7
At plants	1,778	---	2,368	---	1,317*	1,778	1,317
Imports	813	26	1,783	59	25	5,900	5,566
Plant butane-propane mixture used at refineries	294	9	238	8	7	1,475	1,531
Supplied for domestic use, total	1,707	55	1,249	42	34	6,779	8,077
Refinery butane-propane mixture, total	519	17	246	8	12	2,126	3,255
For fuel use	514	17	236	8	11	2,057	2,872
For chemical use	5	(s)	10	(s)	(s)	69	383
Plant butane-propane mixture	1,188	38	1,003	33	22	4,653	4,822
Ethane-propane mixture:							
Production	5,001	161	5,192	173	164	40,106	33,442
Stocks	10,356	---	8,956	---	5,616*	10,356	5,616
Imports	-	-	-	-	-	-	-
Supplied for domestic use	3,601	116	4,955	165	172	35,067	37,754
Isobutane:							
Production, total	3,279	106	3,156	105	112	22,399	22,588
At refineries	43	1	26	1	6	595	1,196
At gas processing plants	3,236	104	3,130	104	106	21,804	21,392
Stocks, total	10,011	---	10,762	---	7,155*	10,011	7,155
Refinery isobutane	8	---	11	---	3*	8	3
Plant isobutane, total	10,003	---	10,751	---	7,152*	10,003	7,152
At refineries	827	---	922	---	832*	827	832
At plants	9,176	---	9,829	---	6,320*	9,176	6,320
Plant isobutane used at refineries	3,984	129	3,394	113	91	20,816	22,635
Supplied for domestic use:							
Refinery isobutane for chemical use	46	1	32	1	6	596	1,204
Kerosene (including range oil):							
Production, total	3,790	122	3,539	118	163	30,469	40,424
At refineries	3,788	122	3,538	118	163	30,448	40,400
At gas processing plants	2	(s)	1	(s)	(s)	21	24
Stocks, total	14,292	---	13,873	---	14,354*	14,292	14,354
At refineries	14,290	---	13,871	---	14,352*	14,290	14,352
At plants	2	---	2	---	2*	2	2
Imports	216	7	136	5	12	2,515	1,865
Exports	4	(s)	-	-	(s)	10	12
Supplied for domestic use	3,583	116	3,563	119	130	34,506	42,260
Distillate fuel oil:							
Production, total	83,356	2,689	79,372	2,646	3,305	567,025	645,770
At refineries	83,343	2,688	79,357	2,645	3,305	566,924	645,669
At gas processing plants	13	(s)	15	1	1	101	101
Crude used directly as distillate	47	2	43	1	2	314	314
Stocks, total	213,783	---	195,818	---	171,263*	213,783	171,263
At refineries, total	213,756	---	195,790	---	171,243*	213,756	171,243
No. 4 fuel oil	3,090	---	3,406	---	3,056*	3,090	3,056
Other	210,666	---	192,384	---	168,187*	210,666	168,187
At plants	27	---	28	---	20*	27	20
Imports	3,638	117	3,236	108	219	32,664	40,299
Exports	86	3	1	(s)	9	1,224	868
Supplied for domestic use	68,990	2,225	69,928	2,331	2,552	613,719	730,642
Residual fuel oil:							
Production	45,879	1,480	47,242	1,575	1,576	342,659	355,951
Crude used directly as residual	406	13	430	14	13	2,845	2,845
Stocks	85,605	---	87,657	---	86,631*	85,605	86,631
Imports	[2]24,410	787	22,479	749	1,065	192,770	255,773
Exports	1,860	60	410	14	18	4,796	1,983
Supplied for domestic use	70,887	2,287	69,723	2,324	2,451	543,732	616,159
Petrochemical feedstocks (excluding ethane and liquefied gases)[1]:							
Production	18,026	581	20,089	670	719	163,390	142,719
Stocks	8,338	---	7,574	---	3,850*	8,338	3,850
Imports, total	220	7	1,247	42	10	3,977	1,864
Naphtha-400	-	-	-	-	-	-	-
Other	220	7	1,247	42	10	3,977	1,864
Exports, total	980	32	1,118	37	38	6,223	6,675
Naphtha-400	136	4	116	4	3	1,160	1,162
Other	844	27	1,002	33	35	5,063	5,513
Supplied for domestic use, total	16,502	532	19,346	645	685	156,801	138,500
Still gas	1,261	41	1,020	34	41	9,374	9,126
Naphtha-400	5,872	189	6,506	217	238	53,625	49,097
Other	9,369	302	11,820	394	407	93,802	80,277

[1] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are included with data under items "Ethane" and "Liquefied gases."

[2] Includes foreign crude oil to be burned as fuel: 30.

* Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics - Continued

Item	July 1980		June 1980		July 1979	January-July (Incl.) (1,000 Bbls.)	
	1,000 Bbls.	1,000 B/D	1,000 Bbls.	1,000 B/D	1,000 B/D	1980	1979
Special naphthas:							
Production, total	2,800	90	2,797	93	97	21,617	21,034
At refineries	2,662	86	2,685	90	92	20,773	20,236
At gas processing plants	138	4	112	4	4	844	798
Stocks, total	4,880	---	4,922	---	3,367*	4,880	3,367
At refineries	4,761	---	4,840	---	3,249*	4,761	3,249
At plants	119	---	82	---	118*	119	118
Imports	414	13	114	4	2	977	2,646
Exports	444	14	36	1	1	1,238	776
Supplied for domestic use	2,812	91	2,534	84	102	20,734	23,664
Lubricants:							
Production	5,781	186	5,290	176	197	39,021	41,366
Stocks	13,333	---	12,332	---	11,638*	13,333	11,638
Imports	259	8	157	5	13	1,513	2,038
Exports, total	759	24	940	31	21	5,621	4,748
Grease	19	1	24	1	1	133	156
Oil	740	24	916	31	21	5,488	4,592
Supplied for domestic use	4,280	138	4,629	154	176	34,129	39,251
Wax (1 bbl. = 280 lbs.):							
Production	505	16	514	17	20	3,585	4,009
Stocks	571	---	610	---	699*	571	699
Imports	-	-	-	-	-	-	-
Exports	102	3	60	2	2	445	397
Supplied for domestic use	442	14	474	16	17	3,300	3,672
Coke (5 bbls. = 1 short ton):							
Production, total	12,008	387	11,228	374	391	79,076	79,463
Marketable coke	6,861	221	6,044	201	218	44,453	42,751
Catalyst coke	5,147	166	5,184	173	174	34,623	36,712
Stocks	5,835	---	5,687	---	10,167*	5,835	10,167
Exports	4,086	132	5,448	182	156	29,467	30,396
Supplied for domestic use	7,774	251	5,646	188	231	48,984	49,968
Asphalt (5.5 bbls. = 1 short ton):							
Production	14,116	455	13,400	447	546	80,767	89,502
Stocks	26,247	---	[3]30,187	---	24,826*	26,247	24,826
Imports	184	6	129	4	8	618	623
Exports	41	1	16	1	1	106	86
Supplied for domestic use	18,199	607	[3]16,238	[3]541	639	74,073	86,057
Road oil:							
Production	253	8	233	8	18	1,415	2,112
Stocks	481	---	624	---	590*	481	590
Supplied for domestic use	396	13	288	10	17	1,278	1,750
Still gas for fuel:							
Production	16,835	543	18,035	601	576	115,864	119,075
Miscellaneous products:							
Production, total	2,694	87	2,540	85	88	19,695	24,869
At refineries	2,607	84	2,456	82	85	19,036	24,127
At gas processing plants	87	3	84	3	3	659	742
Stocks, total	1,720	---	1,958	---	2,215*	1,720	2,215
At refineries	1,668	---	1,859	---	2,178*	1,668	2,178
At plants	52	---	99	---	37*	52	37
Imports	8	(s)	43	1	(s)	246	254
Exports	12	(s)	18	1	1	94	91
Supplied for domestic use	2,928	94	2,504	83	95	21,569	26,353
Unfinished oils (net):							
Input (plus) Output (minus)	+2,505	+81	-445	-15	-76	+912	+6,670
Stocks	131,638	---	133,080	---	111,193*	131,638	111,193
Imports	1,063	34	2,056	69	51	14,898	9,140

[3] Revised.

*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

Note: Barrels per day columns do not add due to independent rounding.

"Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

Sources: Forms ERA-60 and FEA-P133; EIA-64, 87, 88, 89, 90; Bureau of the Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and P.A.D. District
(Thousand Barrels)

State and District	July 1980		June 1980	July	January - July (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
District I:						
Florida	3,659	118.0	113.7	4,060	24,833	27,875
New York	*75	2.4	2.4	65	503	448
Pennsylvania	*368	11.9	11.9	375	2,365	2,338
Virginia	-	-	-	-	-	-
West Virginia	*248	8.0	7.4	195	1,247	1,374
Total	*4,350	140.3	135.4	4,695	28,948	32,035
District II:						
Illinois	1,880	60.7	61.7	1,880	13,305	12,435
Indiana	*414	13.4	13.7	208	2,673	2,371
Kansas	5,218	168.3	163.8	4,875	34,672	32,577
Kentucky	531	17.1	15.9	475	3,345	3,124
Michigan	*2,795	90.2	92.0	2,873	19,098	20,117
Missouri	*7	0.2	0.3	4	41	31
Nebraska	540	17.4	17.0	518	3,601	3,502
North Dakota	3,494	112.7	112.6	2,657	22,817	16,885
Ohio	*1,080	34.8	35.6	1,054	7,411	7,528
Oklahoma	12,687	409.3	390.2	12,560	85,813	83,736
South Dakota	76	2.5	2.5	68	478	495
Tennessee	80	2.6	2.4	47	394	307
Total	*28,802	929.1	907.6	27,219	193,648	183,108
District III:						
Alabama	1,502	48.5	60.3	1,573	12,218	11,193
Arkansas	1,495	48.2	49.2	1,567	10,685	10,999
Louisiana, total	*39,655	1,279.2	1,267.7	39,252	279,553	284,522
Gulf Coast	36,846	1,188.6	1,176.3	36,529	260,371	266,421
Rest of State	2,809	90.6	91.4	2,723	19,182	18,101
Mississippi	3,030	97.7	98.7	3,212	21,671	22,583
New Mexico, total	6,152	198.5	201.0	6,682	44,800	45,780
Southeastern	5,759	185.8	184.9	6,177	5,759	42,446
Northwestern	393	12.7	16.1	505	393	3,334
Texas, total	81,956	2,643.7	2,657.4	85,151	572,249	595,479
District 01	1,609	51.9	53.5	1,466	11,269	11,151
District 02	3,968	128.0	130.7	4,422	28,368	31,364
District 03	10,544	340.1	340.3	10,676	73,048	74,905
District 04	2,591	83.6	84.3	2,571	18,107	17,835
District 05	859	27.7	28.4	971	6,361	7,067
District 06, except East Texas	4,127	133.1	134.8	4,408	29,672	31,507
East Texas	4,929	159.0	160.9	5,085	34,333	35,255
District 078	2,414	77.9	78.0	2,351	16,586	16,430
District 07C	2,602	83.9	86.4	2,528	18,398	17,540
District 08	20,272	653.9	649.4	20,916	140,888	145,094
District 08A	23,656	763.1	768.2	25,342	164,564	177,150
District 09	2,844	91.7	92.2	2,807	19,681	19,156
District 10	1,541	49.7	50.3	1,608	10,974	11,025
Total	*133,790	4,315.8	4,334.3	137,437	941,176	970,556
District IV:						
Colorado	2,446	78.9	81.3	2,769	17,132	19,304
Montana	2,488	80.3	80.5	2,556	17,346	16,999
Utah	2,520	81.3	67.8	2,207	14,932	15,759
Wyoming	*10,813	348.8	348.6	8,531	74,061	73,499
Total	*18,267	589.3	578.2	16,063	123,471	125,561
District V:						
Alaska[1]	49,983	1,612.4	1,625.9	43,559	347,705	282,572
Arizona	35	1.1	1.2	43	251	269
California, total	29,904	964.7	961.9	29,878	204,645	204,791
South	7,025	226.6	227.1	7,473	48,786	51,944
Central Coastal	4,917	158.6	155.3	5,122	33,752	35,311
East Central	17,944	578.8	578.9	17,263	121,986	116,578
North	18	0.6	0.6	20	121	958
Nevada	70	2.3	2.4	113	574	738
Total	79,992	2,580.4	2,591.4	73,593	553,175	488,370
United States, total	*265,201	8,554.9	8,546.9	259,007	1,840,418	1,799,630
Pennsylvania Grade (included above)	1,404	45.3	43.7	1,341	9,017	9,206

[1] North Slope Production: Current month, 46,942; Year-to-date, 327,298.
*Estimate.
Note: Includes offshore production.
Note: Daily Average columns may not add due to independent rounding.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State
(Thousand Barrels)

State	July 1980		June 1980	July	January - July (Incl.)	
	Total	Daily Av.	Daily Av.	1979	1980	1979
Alaska[1]	2,711	87.5	90.5	3,285	19,390	23,432
California, total	4,111	132.6	133.0	4,473	29,502	30,927
Federal	834	26.9	26.7	923	5,849	6,433
State	3,277	105.7	106.2	3,550	23,653	24,494
Louisiana, total	24,151	779.1	760.6	22,551	170,182	168,123
Federal	21,842	704.6	683.9	20,340	153,885	150,696
State	2,309	74.5	76.7	2,211	16,297	17,427
Texas, total	649	20.9	20.5	466	5,453	3,243
Federal	486	15.7	15.1	258	4,198	1,685
State	163	5.3	5.4	208	1,255	1,558
United States, total	31,622	1,020.1	1,004.5	30,775	224,527	225,725

[1] All offshore production within State boundaries.
*Estimate.
Note: These production data are included in Table 3.
Note: Daily Average columns may not add due to independent rounding.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State
(Thousand Barrels)

State	July 1980 Total	July 1980 Daily Av.	June 1980 Daily Av.	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
Alabama	677	21.8	33.2	692	6,565	4,862
California	16	0.5	0.5	17	119	127
Louisiana	6,018	194.1	191.9	6,269	43,711	43,967
Mississippi	222	7.2	3.1	123	893	864
New Mexico	393	12.7	13.7	377	3,168	2,738
Oklahoma	504	16.3	19.0	507	3,993	3,519
Texas	3,078	99.3	95.1	2,985	21,938	20,580
Total	10,908	351.9	356.5	10,970	80,387	76,657

Note: These production data are included in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.
Note: Daily Average columns may not add due to independent rounding.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	July 1980 Total	July 1980 Daily Av.	June 1980 Daily Av.	July 1979	January-July (Incl) 1980	January-July (Incl) 1979
Supply:						
Production	265,201	8,555	8,547	259,007	1,840,418	1,799,630
Imports	144,009	4,645	5,480	198,089	1,180,905	1,369,609
Total new supply	409,210	13,200	14,027	457,096	3,021,323	3,169,239
Stock changes:						
Domestic crude	-821	-26	-120	-4,431	+34,448	+1,717
Foreign crude	-1,934	-62	+58	-7,076	+5,752	+24,461
Unaccounted for [1]	+7,069	+228	+11	+7,976	-6,576	+16,146
Disposition by use, total	419,034	13,517	14,100	476,579	2,974,547	3,159,207
Refinery inputs, domestic crude	255,952	8,257	8,431	259,162	1,732,721	1,751,304
Refinery inputs, foreign crude	154,821	4,994	5,273	208,887	1,172,580	1,348,687
Exports	7,367	238	365	7,579	62,974	52,749
Transfers	453	15	16	453	3,159	3,159
Losses	441	14	15	498	3,113	3,308

[1] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.
Note: Daily Average columns may not add due to independent rounding.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and P.A.D. District
(Thousand Barrels)

State of Origin	July 1980 Total	July 1980 Daily Av.	June 1980 Daily Av.	July 1979	January-July (Incl.) 1980	January-July (Incl.) 1979
District I:						
Florida	3,739	120.6	117.1	4,074	23,767	28,796
New York	72	2.3	2.5	65	489	448
Pennsylvania	342	11.0	12.2	336	2,247	2,190
Virginia	-	-	-	-	-	-
West Virginia	226	7.3	5.5	155	1,264	1,290
Total	4,379	141.3	137.3	4,630	27,767	32,724
District II:						
Illinois	1,892	61.0	63.0	2,315	13,135	12,867
Indiana	471	15.2	12.1	216	2,597	2,369
Kansas	5,795	186.9	156.1	4,982	33,500	32,496
Kentucky	477	15.4	15.0	458	3,198	3,074
Michigan	2,071	66.8	116.6	3,100	18,453	20,324
Missouri	7	0.2	0.3	4	41	31
Nebraska	394	12.7	20.5	605	3,283	4,985
North Dakota	3,234	104.3	110.6	2,710	22,323	16,851
Ohio	996	32.1	42.5	1,066	8,088	7,511
Oklahoma	12,787	412.5	360.6	12,807	84,650	86,472
South Dakota	76	2.5	2.5	68	479	495
Tennessee	81	2.6	2.5	45	392	304
Total	28,281	912.3	902.2	28,376	190,139	187,779
District III:						
Alabama	1,147	37.0	53.7	1,752	11,733	11,047
Arkansas	1,602	51.7	52.3	1,661	10,669	10,947
Louisiana	38,190	1,231.9	322.4	41,793	277,445	285,685
Mississippi	3,069	99.0	92.4	3,077	20,627	22,537
New Mexico	7,178	231.6	195.5	5,985	44,348	45,289
Texas	82,194	2,651.4	2,757.0	85,801	562,255	588,861
Total	133,380	4,302.6	4,473.3	140,069	927,077	964,366
District IV:						
Colorado	2,515	81.1	85.0	2,754	17,044	19,376
Montana	2,356	76.0	101.3	2,710	16,546	17,052
Utah	2,718	87.7	74.5	2,458	14,842	15,934
Wyoming	11,852	382.3	368.9	9,853	71,166	70,224
Total	19,441	627.1	629.7	17,775	119,598	122,586
District V:						
Alaska	49,879	1609.0	1610.2	42,252	339,516	285,760
Arizona	35	1.1	0.5	43	231	269
California	30,551	985.5	911.4	30,185	201,072	203,689
Nevada	76	2.5	2.6	108	570	740
Total	80,541	2,598.1	2,524.6	72,588	541,389	490,458
United States:						
Domestic crude	266,022	8,581.4	8,667.1	263,438	1,805,970	1,797,913
Foreign crude	145,943	4,707.8	5,422.1	205,165	1,175,153	1,345,148
Total	411,965	13,289.2	14,089.2	468,603	2,981,123	3,143,061
Pennsylvania Grade (included above)	1,246	40.2	48.3	1,346	5,886	9,105

Note: Daily Average columns may not add due to independent rounding.
Sources: Forms ERA-60, EIA-87 and 90; ERA-182; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State
(Thousand Barrels)

Stste and P.A.D. District	Origin		Location				
	July 31, 1980	June 30, 1980	July 31, 1980				June 30, 1980
	Total	Totsl	At refineries	At tank farms and pipelines	On leases	Total	Total
District I:							
Delawsre, Maryland	-	-	1,851	-	-	1,851	1,822
Florida, Georgis, NC, VA, W. VA	3,351	3,409	2,225	610	46	2,881	2,845
New Hampshire, New York, Rhode Island	286	15	808	921	-	1,729	1,982
New Jersey	-	-	9,213	-	-	9,213	8,124
Pennsylvania	616	561	5,945	1,231	23	7,199	7,584
Total	4,253	3,985	20,042	2,762	69	22,873	22,357
District II:							
Illinois	2,261	2,273	5,410	16,899	77	22,386	22,502
Indiana	531	588	1,324	3,197	3	4,524	4,827
Iowa, Missouri, Nebraska	803	657	312	7,838	21	8,171	8,003
Kansas	5,398	5,975	2,605	7,493	226	10,324	11,097
Kentucky, Tennessee	396	343	1,422	4,139	11	5,572	5,369
Michigan	3,119	2,493	1,233	2,282	122	3,637	3,112
Minnesota, Wisconsin	-	-	1,812	2,406	-	4,218	5,054
North Dakota, South Dakota	2,272	2,157	175	950	142	1,267	1,275
Ohio	1,419	1,335	2,273	3,122	105	5,500	5,207
Oklahoma	16,335	16,477	1,846	24,443	738	27,027	26,772
Total	32,534	32,298	18,412	72,769	1,445	92,626	93,218
District III:							
Alabama	869	514	841	1,035	46	1,922	1,694
Arkansas	948	1,055	180	1,390	42	1,612	1,745
Louisiana	27,722	26,257	20,088	71,911	2,053	94,052	93,268
Mississippi	3,011	3,050	2,255	4,501	188	6,944	7,784
New Mexico	8,475	9,501	680	2,998	1,548	5,226	6,052
Texas	106,093	106,331	37,110	111,708	11,236	160,054	159,361
Total	147,118	146,708	61,154	[1]193,543	15,113	[2]269,810	269,904
District IV:							
Colorado	1,840	1,909	323	839	151	1,313	1,351
Montana	3,784	3,664	1,329	1,630	1,075	4,034	3,766
Utah	1,346	1,544	756	930	283	1,969	2,020
Wyoming	21,540	22,579	1,515	9,432	386	11,333	12,201
Total	28,510	29,696	3,923	12,831	1,895	18,649	19,338
District V:							
California	24,490	25,137	23,692	14,530	1,429	39,651	42,693
Other States [3]	43,814	43,716	8,120	18,684	58	26,862	25,716
Total	68,304	68,853	31,812	33,214	1,487	66,513	68,409
United States:							
Domestic crude	[4]280,719	281,540	76,247	184,463	20,009	280,719	281,540
Foreign crude	189,752	191,686	59,096	130,656	-	[5]189,752	191,686
Total	470,471	473,226	135,343	315,119	20,009	470,471	473,226

[1] Includes 91,191 located in the Strategic Petroleum Reserve.

[2] Includes 166,801 located in Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 2,179 of Pennsylvania Grade.

[5] Stocks of foreign crude in P.A.D. District I, 15,750; District II, 21,916; District III, 141,993; District IV, 819; District V, 9,274.

Source: Form EIA-90.

Table 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oil Reruns: July 1980

District	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
East Coast	41.4	0.1	0.2	23.8	13.5	5.3	15.7
Appalachian # 1	43.6	0.3	0.5	23.2	7.4	4.8	20.2
Appalachian # 2	50.3	0.1	3.6	22.0	8.3	-	15.7
Indiana, Illinois, etc	56.9	0.5	0.8	19.3	4.9	5.2	12.4
Minnesota, Wisconsin, etc	53.2	-	-	24.5	4.9	4.2	13.2
Oklahoma, Kansas, etc	51.9	0.7	-	26.1	3.4	5.1	12.8
Texas Inland	45.6	1.0	0.7	22.3	5.4	6.8	18.2
Texas Gulf	39.2	0.9	1.8	19.5	10.2	6.0	22.4
Louisiana Gulf	44.7	0.1	1.5	21.4	11.6	9.9	10.8
Arkansas, Louisiana Inland, etc	24.8	4.5	0.1	28.2	13.5	2.3	26.6
New Mexico	28.6	-	3.8	27.5	14.9	13.9	11.3
Rocky Mountain	43.4	0.1	-	29.9	6.6	6.8	13.2
West Coast	42.6	0.9	0.3	12.5	21.3	11.6	10.8
U.S. Totals:							
July 1980	44.9	0.6	0.9	20.2	11.1	7.3	15.0
June 1980	44.9	0.7	0.9	19.3	11.5	7.3	15.4
July 1979	43.9	0.6	1.1	22.2	10.6	6.5	15.1

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

Source: Form EIA-87.

Table 10. Refinery Input and Output: July 1980
(Thousand Barrels)

Item	P. A. D. District I			P. A. D. District II					P. A. D. District III						P. A. D. Dist. IV	P. A. D. Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum, total	39,299	4,841	44,140	1,565	61,854	7,248	29,042	99,709	14,433	92,202	64,756	5,530	2,811	179,732	13,896	73,296	410,773
Domestic	3,753	3,370	7,123	734	35,896	2,917	23,976	63,523	12,983	52,309	39,852	4,633	2,622	112,399	12,680	60,227	255,952
Foreign	35,546	1,471	37,017	831	[1] 25,958	4,331	5,066	[1]36,186	1,450	39,893	24,904	897	189	67,333	1,216	13,069	[1] 154,821
Unfinished oils rerun (net)	+209	+89	+298	+92	+1,114	+60	+20	+1,286	+764	+2,295	-2,273	+67	-197	+656	+44	+221	+2,505
Total crude and unfin. rerun	39,508	4,930	44,438	1,657	62,968	7,308	29,062	100,995	15,197	94,497	62,483	5,597	2,614	180,388	13,940	73,517	413,278
Natural gas liquids, total	-	16	16	124	2,557	342	1,514	4,537	941	4,219	2,476	584	141	8,361	409	783	14,106
L.P.G.	-	10	10	124	1,651	176	733	2,684	403	1,121	1,401	105	27	3,057	226	496	6,473
Natural gasoline	-	4	4	-	819	165	740	1,724	495	2,159	936	244	114	3,948	137	267	6,080
Unfractionated stream	-	2	2	-	87	1	41	129	43	939	139	235	-	1,356	46	20	1,553
Other hydrocarbons	79	15	94	-	194	-	33	227	6	438	205	-	-	649	2	343	1,315
Output																	
Gasoline, total	16,452	2,183	18,635	958	38,589	4,229	16,689	60,465	7,887	41,718	30,645	1,972	890	83,112	6,459	32,454	201,125
Motor gasoline	16,449	2,183	18,632	958	38,439	4,229	16,642	60,268	7,883	41,245	30,357	1,972	890	82,347	6,400	32,179	199,826
Aviation gasoline	3	-	3	-	150	-	47	197	4	473	288	-	-	765	59	275	1,299
Jet fuel, total	2,099	235	2,334	-	3,294	308	1,475	5,077	986	5,635	6,177	128	365	13,291	949	8,531	30,182
Naphtha-type	324	128	452	-	350	70	484	904	347	795	531	100	330	2,103	370	1,976	5,805
Kerosene-type	1,775	107	1,882	-	2,944	238	991	4,173	639	4,840	5,646	28	35	11,188	579	6,555	24,377
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	60	29	-	-	89	-	23	112
L.R.G., total	1,257	137	1,394	33	1,588	158	579	2,358	253	2,429	1,726	96	48	4,552	158	1,624	10,086
For fuel use	878	137	1,015	-	1,295	158	559	2,012	234	1,223	1,518	73	46	3,094	141	1,424	7,686
For chemical use	379	-	379	33	293	-	20	346	19	1,206	208	23	2	1,458	17	200	2,400
Kerosene	67	25	92	60	484	1	2	547	107	1,744	954	6	100	2,911	4	234	3,788
Distillate fuel oil	9,403	1,146	10,549	365	12,190	1,794	7,576	21,925	3,391	18,463	13,367	1,578	719	37,518	4,164	9,187	83,343
Residual fuel oil	5,319	364	5,683	138	3,103	358	1,008	4,607	827	9,686	7,287	758	390	18,948	923	15,718	45,879
Petrochemical feedstocks, total	599	69	668	-	481	9	90	580	736	12,867	2,407	98	8	16,116	19	643	18,026
Still gas	35	17	52	-	15	-	-	15	4	1,086	48	-	8	1,146	-	48	1,261
Naphtha-400°	297	-	297	-	258	9	58	325	181	4,413	1,004	38	-	5,636	7	225	6,490
Other	267	52	319	-	208	-	32	240	551	7,368	1,355	60	-	9,334	12	370	10,275
Special naphthas	44	16	60	1	293		208	502	156	892	79	252	-	1,379	23	698	2,662
Lube oil, total	454	353	807	-	537	-	419	956	31	2,556	763	154	-	3,504	23	491	5,781
Bright stock	77	155	232	-	35	-	59	94	-	161	36	-	-	197	4	45	572
Neutral	233	179	412	-	378	-	262	640	-	1,090	639	87	-	1,816	16	330	3,214
Other grades	144	19	163	-	124	-	98	222	31	1,305	88	67	-	1,491	3	116	1,995
Wax	17	50	67	-	15	-	35	50	7	177	74	47	-	305	3	80	[2] 505
Coke	1,056	34	1,090	22	2,077	301	1,030	3,430	285	2,234	1,383	83	17	4,002	271	3,215	12,008
Asphalt	3,060	230	3,290	69	2,548	507	1,437	4,561	718	700	678	846	95	3,037	993	2,235	14,116
Road oil	-	-	-	-	128	-	32	160	-	-	-	2	-	2	20	71	253
Still gas for fuel	1,671	154	1,825	-	2,969	100	1,418	4,487	473	3,805	2,450	179	51	6,958	484	3,081	16,835
Miscellaneous	179	40	219	1	188	16	36	241	394	836	584	19	-	1,833	20	294	2,607
Processing gain (-) or loss (+)	-2,090	-75	-2,165	+134	-2,765	-131	-1,425	-4,187	-107	-4,648	-3,439	-37	+72	-8,159	-162	-3,936	-18,609
Crude oil distillation units:																	
Gross input (1,000 b/d)[3]	1,293	157	1,450	54	2,051	242	946	3,293	494	3,065	2,152	193	93	5,997	464	2,405	13,609
Capacity (1,000 b/d)[4]	1,825	209	2,034	66	2,781	323	1,137	4,307	621	4,555	2,643	271	130	8,220	618	3,133	18,312
Operating ratio[5]	70.8	75.1	71.3	81.8	73.8	74.9	83.2	76.5	79.5	67.3	81.4	71.2	71.5	73.0	75.1	76.8	74.3

[1] Includes some Athabasca hydrocarbons.
[2] Includes: microcrystalline, 110; crystalline-fully refined, 224; and crystalline-other, 171.
[3] Includes crude oil, products of natural gas processing plants, and other oils charge to crude oil distillation units during the month.
[4] Represents operable capacity at the beginning of the month.
[5] Represents gross input divided by capacity.
Note: Input item "Unfractionated stream" includes "Plant condensate."
Source: Form EIA-87.

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						Dist. IV	Dist. V	United States
	East Coast	Appalachian # 1	Total	Appalachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Motor gasoline, total	68,108	4,829	72,937	3,294	45,941	8,133	21,553	78,921	8,841	30,566	19,564	13,302	859	73,132	6,590	29,131	260,711
Refinery	10,435	844	11,279	126	18,049	2,333	7,303	27,811	3,785	18,220	12,585	1,468	439	36,497	4,201	16,744	96,532
Bulk terminal	43,485	3,216	46,701	2,249	21,620	4,193	5,434	33,496	2,529	7,041	1,678	3,213	286	14,747	1,190	9,863	105,997
Pipeline	14,188	769	14,957	919	6,272	1,607	8,816	17,614	2,527	5,305	5,301	8,621	134	21,888	1,199	2,524	58,182
Aviation gasoline, total	402	43	445	-	490	67	98	655	77	572	365	40	38	1,092	38	571	2,801
Refinery	34	-	34	-	258	-	50	308	6	565	350	-	-	921	29	240	1,532
Bulk terminal	368	43	411	-	228	67	48	343	65	1	14	3	32	115	9	331	1,209
Pipeline	-	-	-	-	4	-	-	4	6	6	1	37	6	56	-	-	60
Naphtha-type jet fuel, total	429	78	507	10	588	98	767	1,463	429	825	651	257	296	2,458	343	1,905	6,676
Refinery	118	78	196	-	382	44	475	901	246	632	602	114	168	1,762	231	1,117	4,207
Bulk terminal	16	-	16	7	119	54	180	360	157	193	-	37	25	412	20	328	1,136
Pipeline	295	-	295	3	87	-	112	202	26	-	49	106	103	284	92	460	1,333
Kerosene-type jet fuel, total	8,605	331	8,936	252	5,193	877	3,263	9,585	906	4,010	2,652	1,670	37	9,275	596	5,834	34,226
Refinery	1,135	58	1,193	-	1,600	55	523	2,178	269	1,944	2,080	6	10	4,309	278	3,097	11,055
Bulk terminal	4,916	208	5,124	143	2,556	653	536	3,888	164	538	136	150	13	1,001	155	2,217	12,385
Pipeline	2,554	65	2,619	109	1,037	169	2,204	3,519	473	1,528	436	1,514	14	3,965	163	520	10,786
Ethane (incl. ethylene)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L.R.G., total	888	14	902	3	1,271	16	369	1,659	292	959	1,327	24	13	2,615	191	1,012	6,379
For fuel use	805	14	819	-	1,143	16	366	1,525	290	946	1,324	23	13	2,596	186	1,012	6,138
For chemical use	83	-	83	3	128	-	3	134	2	13	3	1	-	19	5	-	241
Kerosene, total	5,810	490	6,300	431	2,741	137	404	3,713	86	2,523	1,080	248	53	3,990	81	206	14,290
Refinery	286	124	410	81	827	29	269	1,206	44	1,852	865	13	53	2,827	47	117	4,607
Bulk terminal	5,167	366	5,533	227	1,646	104	49	2,026	20	631	15	13	-	679	34	89	8,361
Pipeline	357	-	357	123	268	4	8[illegible]	481	22	40	200	222	-	484	-	-	1,322
Distillate fuel oil, total	92,237	3,737	95,974	2,917	30,463	8,579	18,147	60,106	3,151	20,630	10,235	6,714	481	41,211	3,895	12,570	[2]213,756
Refinery	7,779	665	8,444	62	9,642	2,235	6,752	18,691	1,007	13,052	5,719	1,142	302	21,222	2,425	6,117	56,899
Bulk terminal	77,510	2,873	80,383	2,138	17,367	4,967	6,332	30,804	1,723	4,938	1,574	1,429	87	9,751	791	5,497	127,226
Pipeline	6,948	199	7,147	717	3,454	1,377	5,063	10,611	421	2,640	2,942	4,143	92	10,238	679	956	29,631
Residual fuel oil, total	43,085	884	43,969	488	6,523	839	1,949	9,799	435	10,823	7,334	654	127	19,373	878	11,586	[4]85,605
Refinery	5,064	423	5,487	94	4,050	493	915	5,552	361	7,771	3,732	288	127	12,279	878	8,875	33,071
Bulk terminal	38,021	461	38,482	394	2,473	346	1,034	4,247	74	3,052	3,602	366	-	7,094	-	2,711	[4]52,534
Petrochemical feedstocks, total	224	69	293	-	419	3	61	483	519	5,563	1,109	61	-	7,252	4	306	8,338
Naphtha-400°	222	-	222	-	261	3	53	317	237	2,701	806	23	-	3,767	4	202	4,512
Other	2	69	71	-	158	-	8	166	282	2,862	303	38	-	3,485	-	104	3,826
Special naphthas, total	1,434	65	1,499	159	452	59	212	882	86	1,355	147	130	-	1,718	12	650	4,761
Refinery	27	37	64	10	167	-	212	389	86	1,355	141	130	-	1,712	12	576	2,753
Bulk terminal	1,407	28	1,435	149	285	59	-	493	-	-	6	-	-	6	-	74	2,008
Lube oil, total	3,089	1,137	4,226	46	1,302	25	715	2,088	53	3,819	1,395	253	15	5,535	61	1,423	[1]13,333
Bright stock	211	326	537	-	62	-	46	108	-	233	47	-	-	280	5	51	981
Neutral	712	580	1,292	-	607	-	481	1,088	-	1,330	869	76	-	2,275	44	476	5,175
Other grades	2,166	231	2,397	46	633	25	188	892	53	2,256	479	177	15	2,980	12	896	7,177
Wax	17	86	103	-	35	-	33	68	22	218	128	1	-	369	5	26	[3]571
Coke	1,083	-	1,083	-	1,229	326	399	1,954	9	475	207	13	-	704	417	1,677	5,835
Asphalt	5,628	829	6,457	757	5,695	2,443	1,871	10,766	459	479	953	1,303	290	3,484	2,397	3,143	[1]26,247
Road oil	-	-	-	-	410	-	9	419	-	-	-	2	-	2	8	52	481
Miscellaneous	174	46	220	-	124	11	269	404	88	408	276	52	-	824	-	220	[1]1,668
Unfinished oils	17,621	1,720	19,341	201	16,920	439	8,489	26,049	2,936	31,958	18,292	1,128	171	54,485	3,203	28,560	131,638
Refined products, total	248,834	14,358	263,192	8,558	119,796	22,052	58,608	209,014	18,389	115,183	65,715	25,852	2,380	227,519	18,719	98,872	817,316

[1] Includes bulk terminal stocks: Lubes, 2,894; Asphalt, 7,695; and Miscellaneous, 96.

[2] Includes No. 4 fuel oil: P.A.D. District I, 1,872; P.A.D. District II, 153; P.A.D. District III, 799; P.A.D. District IV, 1; P.A.D. District V, 265.

[3] Includes microcrystalline, 110; crystalline-fully refined, 253; and crystalline-other, 208.

[4] Includes pipeline stocks: P.A.D. District V, 58.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.

Sources: Forms EIA-87, 88, and 89.

Table 12. Transportation of Petroleum Products by Pipeline
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
Turned into lines:					
Gasoline, total	178,167	183,295	189,649	1,259,490	1,295,456
Motor	177,775	182,926	189,242	1,257,366	1,293,186
Aviation	392	369	407	2,124	2,270
Jet fuel, total	31,688	31,827	32,943	223,911	225,433
Naphtha-type	3,325	3,412	3,833	24,431	25,475
Kerosene-type	28,363	28,415	29,110	199,480	199,958
Kerosene	2,015	1,534	1,866	16,100	18,691
Distillate fuel oil	60,562	56,475	71,234	383,690	493,291
Residual fuel oil	96	85	197	1,082	1,139
Natural gas liquids	49,293	55,041	58,075	364,058	387,894
Other products	217	121	9	4,086	86
Delivered from lines:					
Gasoline, total	179,420	183,682	186,873	1,256,552	1,296,884
Motor	178,982	183,347	186,539	1,254,528	1,294,687
Aviation	438	335	334	2,024	2,197
Jet fuel, total	31,625	31,846	32,486	219,823	221,292
Naphtha-type	3,306	3,580	3,769	24,244	25,430
Kerosene-type	28,319	28,266	28,717	195,579	195,862
Kerosene	1,613	1,567	1,618	16,161	18,315
Distillate fuel oil	60,360	55,232	67,813	448,867	498,961
Residual fuel oil	112	81	198	1,059	1,109
Natural gas liquids	47,322	51,399	56,368	362,845	388,212
Other products	216	125	9	3,989	86
Shortage (or overage):					
Gasoline, total	(1,485)	(47)	178	(2,817)	(2,581)
Motor	(1,519)	(28)	126	(2,890)	(2,671)
Aviation	34	(19)	52	73	90
Jet fuel, total	348	373	483	2,354	2,539
Naphtha-type	(5)	9	50	49	25
Kerosene-type	353	364	433	2,305	2,514
Kerosene	61	44	38	596	637
Distillate fuel oil	(376)	(20)	609	(1,784)	(1,264)
Residual fuel oil	(14)	(11)	-	(6)	-
Natural gas liquids	(1)	831	292	1,658	1,970
Other products	1	1	-	2	-
Stocks in lines and working tanks at end of month:					
Gasoline, total	58,242	58,010	52,691	58,242	52,691
Motor	58,182	57,870	52,531	58,182	52,531
Aviation	60	140	160	60	160
Jet fuel, total	12,119	12,404	8,629	12,119	8,629
Naphtha-type	1,333	1,309	1,124	1,333	1,124
Kerosene-type	10,786	11,095	7,505	10,786	7,505
Kerosene	1,322	981	1,387	1,322	1,387
Distillate fuel oil	29,631	29,053	28,090	29,631	28,090
Residual fuel oil	58	60	20	58	20
Natural gas liquids	34,999	33,027	39,142	34,999	39,142
Other products	-	-	-	-	-

Source: Form EIA-89.

Table 13. Movements of Petroleum Products by Pipeline between P.A.D. Districts
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.)	
				1980	1979
From District 1 to District 2:					
Gasoline, total	4,377	4,246	4,789	30,765	32,082
Motor	4,371	4,246	4,785	30,731	32,043
Aviation	6	-	4	34	39
Jet fuel, total	218	352	126	1,425	1,496
Naphtha-type	-	-	-	-	-
Kerosene-type	218	352	126	1,425	1,496
Kerosene	-	-	-	188	185
Distillate fuel oil	1,431	1,704	1,473	9,846	10,073
From District 2 to District 1:					
Gasoline, total	469	882	950	5,631	6,341
Motor	469	882	950	5,631	6,341
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	4	54	120
Distillate fuel oil	190	121	184	1,290	1,436
Natural gas liquids	266	1,106	746	7,406	5,858
From District 2 to District 3:					
Gasoline, total	1,613	1,641	1,510	11,471	10,068
Motor	1,613	1,641	1,510	11,471	10,068
Jet fuel, total	80	94	125	687	471
Naphtha-type	60	60	79	388	425
Kerosene-type	20	34	46	299	46
Distillate fuel oil	536	407	516	2,837	2,872
Natural gas liquids	1,977	1,955	2,052	14,207	13,062
From District 2 to District 4:					
Gasoline, total	1,654	1,155	1,546	10,059	10,803
Motor	1,641	1,133	1,520	9,955	10,648
Aviation	13	22	26	104	155
Jet fuel, total	548	532	493	2,939	3,055
Kerosene-type	548	532	493	2,939	3,055
Kerosene	-	-	-	-	-
Distillate fuel oil	520	206	255	1,748	2,049
Natural gas liquids	94	52	65	1,012	927
From District 3 to District 1:					
Gasoline, total	39,177	39,641	39,571	268,190	261,713
Motor	39,154	39,641	39,544	268,077	261,561
Aviation	23	-	27	113	152
Jet fuel, total	5,809	5,672	5,129	37,636	38,346
Naphtha-type	110	70	182	868	869
Kerosene-type	5,699	5,602	4,947	36,768	37,477
Kerosene	256	153	358	4,529	5,570
Distillate fuel oil	15,730	13,809	16,458	113,101	117,540
Natural gas liquids	1,063	844	1,381	9,766	13,693
From District 3 to District 2:					
Gasoline, total	6,176	7,647	6,807	38,997	42,021
Motor	6,142	7,610	6,641	38,719	41,166
Aviation	34	37	166	278	855
Jet fuel, total	1,205	1,217	1,493	8,492	8,811
Naphtha-type	-	2	-	4	4
Kerosene-type	1,205	1,215	1,493	8,488	8,807
Kerosene	29	57	22	418	1,171
Distillate fuel oil	1,625	1,251	3,306	10,153	17,038
Natural gas liquids	4,331	5,326	6,841	38,325	55,248
From District 3 to District 4:					
Gasoline, total	-	-	-	-	-
Motor	-	-	-	-	-
Aviation	-	-	-	-	-
Jet fuel, total	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Natural gas liquids	-	-	-	-	-
From District 3 to District 5:					
Gasoline, total	898	720	739	5,810	6,015
Motor	898	720	739	5,810	6,015
Jet fuel, total	204	207	232	1,445	1,436
Naphtha-type	96	113	127	715	805
Kerosene-type	108	94	105	730	631
Distillate fuel oil	408	362	433	2,518	2,624
From District 4 to District 2:					
Gasoline, total	464	378	560	2,833	3,057
Motor	464	378	560	2,833	3,057
Jet fuel, total	22	26	6	133	189
Naphtha-type	13	17	-	79	138
Kerosene-type	9	9	6	54	51
Kerosene	-	-	-	-	-
Distillate fuel oil	286	303	307	2,156	2,066
Natural gas liquids	501	482	504	3,130	2,676
From District 4 to District 3:					
Natural gas liquids	-	-	-	-	-
From District 4 to District 5:					
Gasoline, total	523	627	664	4,923	5,364
Motor	523	627	664	4,923	5,364
Jet fuel, total	146	160	120	967	956
Naphtha-type	92	82	93	566	527
Kerosene-type	54	78	27	401	429
Distillate fuel oil	67	277	206	1,570	1,588

Source: Form EIA-89.

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products (Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (incl.) 1980	January - July (incl.) 1979
District I to District II :					
Crude oil	267	66	-	333	-
Unfinished oils	13	23	12	90	126
Gasoline, total	1,146	1,067	1,208	10,444	6,365
Motor	1,146	1,067	1,208	10,444	6,365
Aviation	-	-	-	-	-
Special naphthas	-	-	-	8	-
Jet fuel, total	219	256	133	1,780	954
Naphtha-type	70	129	38	722	231
Kerosene-type	149	127	95	1,058	723
Kerosene	29	23	85	354	264
Distillate fuel oil	583	404	453	3,904	1,919
Residual fuel oil	-	-	7	20	29
Lubricating oil	18	17	18	79	100
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	18	18	39	211	228
Other products	-	-	-	-	-
Total	2,293	1,874	1,955	17,223	9,985
District I to District III:					
Crude oil	230	181	137	2,492	2,498
Unfinished oils	281	350	1,024	1,337	2,992
Gasoline, total	196	206	33	609	184
Motor	196	206	33	609	184
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	-	32
Naphtha-type	-	-	-	-	32
Kerosene-type	-	-	-	-	-
Kerosene	-	-	-	-	-
Distillate fuel oil	120	280	11	618	292
Residual fuel oil	-	30	-	130	213
Lubricating oil	612	155	34	1,323	260
Wax	10	-	-	21	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	177	25	39	430	-
Other products	9	9	-	333	203
Total	1,635	1,236	1,278	7,293	6,674
District II to District I:					
Crude oil	90	113	-	692	10
Unfinished oils	-	-	11	24	114
Gasoline, total	-	54	113	856	1,210
Motor	-	54	113	856	1,210
Aviation	-	-	-	-	-
Special naphthas	-	-	8	25	55
Jet fuel, total	-	-		238	44
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	9	238	44
Kerosene	-	-	-	-	5
Distillate fuel oil	-	-	53	379	822
Residual fuel oil	175	106	337	868	1,796
Lubricating oil	18	43	52	180	228
Wax	-	-	-	16	-
Asphalt and road oil	42	-	47	85	537
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	8	8	-	82	-
Other products	-	-	-	-	17
Total	333	324	630	3,445	4,838
District II to District III:					
Crude oil	-	-	229	-	-
Unfinished oils	326	533	-	1,454	1,080
Gasoline, total	93	77	-	1,189	187
Motor	93	77	-	1,157	187
Aviation	-	-	-	32	-
Special Naphthas	-	-	-	-	-
Jet fuel, total	-	-	-	34	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	34	-
Kerosene	-	-	-	-	-
Distillate fuel oil	185	317	-	1,808	546
Residual fuel oil	976	657	69	5,283	132
Lubricating oil	11	-	50	64	112
Wax	-	-	-	9	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	26	20	50	415	98
Other products	-	-	-	370	10
Total	1,617	1,604	398	10,626	2,165

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July 1980	January - July 1979
District III to District 1[1]:					
Crude oil	758	495	627	3,819	4,087
Unfinished oils	923	196	319	3,330	2,443
Gasoline, total	11,709	10,590	15,837	87,239	110,277
Motor	11,464	10,368	15,118	85,584	108,173
Aviation	245	222	719	1,655	2,104
Special naphthas	391	360	401	2,629	3,075
Jet fuel, total	3,551	3,016	3,418	27,430	24,448
Naphtha-type	333	380	469	3,829	3,378
Kerosene-type	3,218	2,636	2,949	23,601	21,070
Kerosene	209	224	458	2,224	3,553
Distillate fuel oil	4,084	3,691	6,611	37,266	51,539
Residual fuel oil	6,934	6,202	3,459	48,422	27,019
Lubricating oil	728	897	860	6,939	6,137
Wax	16	15	14	137	119
Asphalt and road oil	326	117	341	2,241	2,223
Liquefied gases	67	50	-	162	385
Petrochemical feedstocks	125	97	184	1,142	1,129
Other products	272	263	664	3,231	3,953
Total	30,093	26,213	33,193	226,211	240,387
District III to District II:					
Crude oil	875	552	293	7,840	2,379
Unfinished oils	-	2	-	366	21
Gasoline, total	2,104	1,660	1,402	11,802	10,412
Motor	2,045	1,634	1,347	11,343	10,132
Aviation	59	26	55	459	280
Special naphthas	146	128	203	1,041	1,213
Jet fuel, total	196	121	197	1,157	1,840
Naphtha-type	-	-	-	-	-
Kerosene-type	196	121	197	1,157	1,840
Kerosene	52	7	53	357	348
Distillate fuel oil	526	650	338	3,207	4,099
Residual fuel oil	432	297	407	3,563	4,978
Lubricating oil	291	345	274	2,152	2,044
Wax	-	-	-	76	-
Asphalt and road oil	327	306	565	1,916	2,281
Liquefied gases	-	-	-	-	207
Petrochemical feedstocks	54	120	66	441	528
Other products	7	15	18	200	76
Total	5,010	4,203	3,816	34,118	30,426
District III to District V:					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	218	701	680
Gasoline, total	-	263	42	284	1,086
Motor	-	263	42	263	1,067
Aviation	-	-	-	21	19
Special naphthas	-	-	-	10	-
Jet fuel, total	-	-	-	718	1,462
Naphtha-type	-	-	-	487	-
Kerosene-type	-	-	-	231	1,462
Kerosene	76	-	-	76	23
Distillate fuel oil	-	-	-	34	620
Residual fuel oil	-	-	-	262	-
Lubricating oil	101	381	284	1,198	972
Wax	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	40	-	-	40	19
Total	217	644	544	3,323	4,862
District V to District I:					
Crude oil	2,885	3,381	1,290	19,292	8,394
Gasoline, total	-	-	-	251	-
Motor	-	-	-	251	-
Aviation	-	-	-	-	-
Special naphthas	-	-	-	-	-
Distillate fuel oil	-	-	-	20	-
Residual fuel oil	-	204	-	529	-
Lubricating oil	-	-	-	30	-
Other products	-	-	-	1	-
Total	2,885	3,585	1,290	20,123	8,394
District V to District III:					
Crude oil	8,413	9,127	3,090	59,867	29,373
Motor gasoline	-	-	-	-	104
Kerosene-type jet fuel	-	-	-	-	-
Distillate fuel oil	-	-	-	-	-
Residual fuel oil	-	-	-	204	-
Wax	-	-	-	-	-
Lubricating oil	-	-	-	328	244
Unfinished oils	299	326	-	1,118	352
Other products	-	-	-	97	140
Total	8,712	9,453	3,090	61,614	30,213

[1] Breakdown by region shown in Table 15.

Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by region
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (incl.)	
				1980	1979
To New England:[1]					
Crude oil	-	-	-	-	-
Unfinished oils	-	-	-	190	-
Gasoline, total	477	601	4,274	9,970	18,414
Motor	420	566	4,240	9,789	18,228
Aviation	57	35	34	181	186
Special naphthas	19	48	44	334	285
Jet fuel, total	240	386	751	3,166	4,769
Naphtha-type	-	107	-	107	239
Kerosene-type	240	279	751	3,059	4,530
Kerosene	31	76	191	909	1,135
Distillate fuel oil	991	410	2,727	10,194	15,760
Residual fuel oil	371	770	366	6,291	1,054
Lubricating oil	4	57	19	793	49
Wax	-	-	-	-	-
Asphalt and road oil	-	-	-	-	-
Liquefied gases	-	-	-	-	-
Petrochemical feedstocks	-	-	-	-	-
Other products	7	8	7	99	60
Total	2,140	2,356	8,379	31,946	41,526
To Central Atlantic:[1]					
Crude oil	758	495	627	3,715	4,087
Unfinished oils	618	63	261	1,827	1,960
Gasoline, total	584	479	1,938	6,854	16,460
Motor	560	427	1,877	6,508	16,065
Aviation	24	52	61	346	395
Special naphthas	191	261	252	1,611	1,753
Jet fuel, total	129	268	267	3,493	2,550
Naphtha-type	-	-	-	-	-
Kerosene-type	129	268	267	3,493	2,550
Kerosene	143	116	220	708	1,554
Distillate fuel oil	420	460	1,622	7,301	17,787
Residual fuel oil	1,366	1,578	867	13,225	8,759
Lubricating oil	552	576	644	4,615	4,576
Wax	16	15	14	137	119
Asphalt and road oil	22	46	48	97	148
Liquefied gases	-	-	-	-	147
Petrochemical feedstocks	97	84	114	1,009	862
Other products	87	19	585	1,961	3,325
Total	4,983	4,460	7,459	46,553	64,087
To Lower Atlantic:[1]					
Crude oil	-	-	-	104	-
Unfinished oils	305	133	58	1,313	483
Gasoline, total	10,648	9,510	9,625	70,415	75,403
Motor	10,484	9,375	9,001	69,287	73,880
Aviation	164	135	624	1,128	1,523
Special naphthas	181	51	105	684	1,037
Jet fuel, total	3,182	2,362	2,400	20,771	17,129
Naphtha-type	333	273	469	3,403	3,139
Kerosene-type	2,849	2,089	1,931	17,368	13,990
Kerosene	35	32	47	607	864
Distillate fuel oil	2,673	2,821	2,262	19,771	17,992
Residual fuel oil	5,197	3,854	2,226	28,906	17,206
Lubricating oil	172	264	197	1,531	1,512
Wax	-	-	-	-	-
Asphalt and road oil	304	71	293	2,144	2,075
Liquefied gases	67	50	-	162	238
Petrochemical feedstocks	28	13	70	133	267
Other products	178	236	72	1,171	568
Total	22,970	19,397	17,355	147,712	134,774

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

P.A.D. District and Country of Origin	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
All Districts:					
Algeria	15,515	14,593	17,308	105,277	131,106
Angola	617	972	2,209	8,496	8,320
Bolivia	-	-	-	301	-
Brunei	-	197	268	348	2,295
Cameroon	-	1,002	446	7,578	2,802
Canada[1]	4,899	5,582	6,806	46,011	58,559
Congo (Brazzaville)	351	-	-	819	909
Ecuador	692	696	598	4,214	7,049
Egypt	137	854	437	8,622	7,414
Gabon	514	911	1,658	5,804	8,644
Ghana	-	250	-	300	204
Guatemala	138	-	-	399	-
Indonesia	8,544	9,093	12,314	69,086	80,087
Iran	-	-	11,954	2,625	36,664
Iraq	-	-	1,528	6,703	19,832
Kuwait	-	513	-	5,334	482
Liberia	-	-	708	-	708
Libya	15,262	16,837	19,636	122,718	141,615
Malaysia	1,235	1,735	2,337	12,370	11,639
Mexico	13,280	17,364	11,381	107,178	88,578
Netherlands	-	-	-	404	2,021
Nigeria	22,337	28,974	30,005	189,837	226,848
Norway	4,492	3,956	1,502	31,436	12,261
Oman	450	601	595	5,766	8,358
Peoples Republic of China	-	-	-	-	2,795
Peru	1,551	372	1,177	9,322	9,188
Qatar	380	495	1,382	6,617	6,608
Saudi Arabia	36,545	39,597	41,786	280,453	297,344
Spain	-	-	-	299	-
Syria	-	-	-	787	1,449
Trinidad	4,097	3,660	3,966	25,053	24,887
Tunisia	-	903	1,294	1,456	3,691
United Arab Emirates	4,885	5,343	7,831	46,598	62,397
United Kingdom	3,197	4,367	9,159	35,770	46,418
Venezuela	4,545	4,571	9,509	30,369	57,686
Zaire	346	966	295	2,555	751
Total[1]	[2]144,009	164,404	198,089	[2]1,180,905	1,369,609
To District I:					
Algeria	6,949	3,778	4,697	33,973	42,887
Angola	-	296	386	1,765	2,339
Bolivia	-	-	-	-	-
Brunei	-	-	-	-	-
Cameroon	-	100	-	944	-
Canada	42	226	254	1,907	1,922
Congo (Brazzaville)	-	-	583	-	583
Ecuador	-	-	-	383	762
Egypt	137	341	-	3,973	6,394
Gabon	-	911	1,358	4,030	8,214
Indonesia	1,075	628	869	5,461	5,262
Iran	-	-	3,786	-	12,395
Iraq	-	-	-	-	3,213
Kuwait	-	513	-	3,036	-
Libya	3,916	2,783	3,677	26,769	17,712
Malaysia	-	-	-	-	-
Mexico	2,302	2,143	169	9,788	1,524
Netherlands	-	-	-	403	-
Nigeria	5,031	6,966	8,252	48,444	60,035
Norway	100	992	-	6,523	1,894
Oman	-	601	-	1,925	2,318
Peru	389	-	-	3,535	1,648
Qatar	380	-	740	1,530	2,219
Saudi Arabia	12,757	11,597	13,774	86,863	78,449
Spain	-	-	-	299	-
Trinidad	507	637	467	3,618	1,405
Tunisia	-	-	451	198	1,694
United Arab Emirates	839	-	754	4,000	3,238
United Kingdom	750	1,671	1,501	9,617	10,244
Venezuela	2,895	2,498	4,791	16,327	30,795
Zaire	346	666	295	2,255	751
Total	38,415	37,347	46,804	227,566	297,897

[1] Includes some Athabasca hydrocarbons.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

P.A.D. District and Country of Origin	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
To District II:					
Algeria	5,042	3,935	4,652	28,064	26,541
Bolivia	-	-	-	-	-
Cameroon	-	902	-	4,577	1,201
Canada[1]	3,742	3,351	4,680	32,557	39,745
Congo (Brazzaville)	-	-	-	-	-
Ecuador	692	-	-	692	1,013
Egypt	-	-	-	878	-
Gabon	514	-	-	-	-
Ghana	-	-	-	50	204
Guatemala	138	-	-	275	-
Iran	-	-	5,450	1,890	10,815
Iraq	-	-	-	-	3,673
Kuwait	-	-	-	-	-
Libya	4,583	7,777	8,940	47,540	73,230
Malaysia	-	-	-	-	-
Mexico	5,371	4,243	3,090	33,496	25,534
Netherlands	-	-	-	-	-
Nigeria	5,205	6,880	4,632	42,472	36,505
Norway	2,260	1,811	990	11,007	5,363
Oman	450	-	595	3,658	4,937
Peru	1,162	372	1,177	2,256	4,029
Qatar	-	28	642	1,647	3,894
Saudi Arabia	2,347	1,985	6,013	18,564	35,199
Syria	-	-	-	-	715
Trinidad	858	1,246	970	7,356	4,560
Tunisia	-	428	-	428	889
U.S.S.R.	-	-	-	-	-
United Arab Emirates	2,024	1,365	1,301	11,426	8,952
United Kingdom	353	1,901	4,326	12,864	14,283
Venezuela	488	731	992	2,903	4,602
Total[1]	35,229	36,955	48,450	264,600	305,884
To District III:					
Algeria	3,524	6,880	7,959	43,240	59,141
Angola	617	-	1,823	5,298	5,278
Bolivia	-	-	-	301	-
Cameroon	-	-	446	2,057	1,601
Congo (Brazzaville)	351	-	-	819	909
Ecuador	-	696	15	2,883	4,691
Egypt	-	513	437	4,124	1,020
Gabon	-	-	300	1,260	430
Ghana	-	250	-	250	-
Guatemala	-	-	-	124	-
Indonesia	-	-	735	-	4,693
Iran	-	-	2,718	735	13,454
Iraq	-	-	1,528	6,703	12,946
Kuwait	-	-	-	2,298	482
Liberia	-	-	708	-	708
Libya	6,763	6,277	7,019	48,154	50,673
Malaysia	-	-	-	192	-
Mexico	5,607	10,978	8,122	63,894	61,520
Netherlands	-	-	-	1	2,021
Nigeria	12,101	15,128	17,121	98,808	130,094
Norway	2,132	1,153	512	13,591	5,004
Oman	-	-	-	183	1,103
Peru	-	-	-	2,922	1,366
Qatar	-	467	-	3,440	495
Saudi Arabia	21,317	25,778	21,999	173,921	178,672
Syria	-	-	-	787	734
Trinidad	2,732	1,777	2,529	14,079	18,922
Tunisia	-	475	843	830	1,108
United Arab Emirates	995	1,747	3,780	22,041	35,074
United Kingdom	2,094	795	3,332	13,450	21,891
Venezuela	961	895	3,159	9,314	20,132
Zaire	-	300	-	300	-
Total	[2]59,194	74,109	85,085	[2]535,999	634,162
To District IV:					
Algeria	-	-	-	-	2,537
Canada	505	915	1,233	6,957	11,820
Congo (Brazzaville)	-	-	-	-	-
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
United Kingdom	-	-	-	-	-
Venezuela	-	-	-	-	-
Total	505	915	1,233	7,351	14,717
To District V[3] :					
Algeria	-	-	-	-	-
Angola	-	676	-	1,433	703
Bolivia	-	-	-	-	-
Brunei	-	197	268	348	2,295
Canada	610	1,090	639	4,590	5,072
Chile	-	-	-	-	-
Ecuador	-	-	-	256	-
Egypt	-	-	-	-	-
Gabon	-	-	-	-	-
Indonesia	7,469	8,465	10,710	62,625	69,772
Iran	-	-	-	-	-
Iraq	-	-	-	-	-
Kuwait	-	-	-	-	-
Libya	-	-	-	-	-
Malaysia	1,235	1,735	2,337	11,178	11,639
Nigeria	-	-	-	-	214
Norway	-	-	-	315	-
Peoples Republic of China	-	-	-	-	2,795
Peru	-	-	-	609	2,145
Saudi Arabia	124	237	-	1,079	5,024
Tunisia	-	-	-	-	-
United Arab Emirates	1,027	2,231	1,996	9,131	15,133
Venezuela	201	447	567	1,825	2,157
Total	10,666	15,078	16,517	95,389	116,949

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[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

[3] Excludes crude oil delivered into foreign trade zone.

Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts From Puerto Rico, the Virgin Islands, and Guam by P.A.D. District
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.)	
				1980	1979
All Districts:					
Motor gasoline, total	4,621	4,425	6,895	31,274	39,091
Receipts from Puerto Rico	1,400	690	1,488	5,956	8,380
Other	[1] 3,221	3,735	5,407	25,318	30,711
Aviation gasoline, total	-	-	7	-	7
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	7	-	7
Naphtha-type jet fuel, total	1,322	1,208	725	7,893	3,918
Bonded aircraft fuel	-	-	-	-	-
Other	[1] 1,322	1,208	725	7,893	3,918
Kerosene-type jet fuel, total	1,563	1,378	2,072	10,521	11,537
Bonded aircraft fuel	287	460	298	2,871	1,727
Receipts from Puerto Rico	-	-	60	-	60
Other	1,276	918	1,714	7,650	9,750
Ethane	1,186	1,471	2,186	11,425	11,946
Liquefied petroleum gases	4,140	4,048	4,967	31,265	33,565
Kerosene, total	216	136	366	2,515	1,865
Receipts from Puerto Rico	-	-	99	26	248
Other	[1] 216	136	267	2,489	1,617
Distillate fuel oil, total	3,638	3,236	6,774	32,664	40,299
Bonded ships bunkers	200	20	-	225	5
For military offshore use	158	108	199	1,093	765
Receipts from Puerto Rico	310	560	934	3,852	3,876
No. 2 fuel oil	[1] 2,914	2,521	5,179	26,666	31,222
No. 4 fuel oil	56	27	462	828	4,431
Residual fuel oil, total	24,410	22,479	33,000	192,770	255,773
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	40	106	559	200
Receipts from Puerto Rico	101	148	-	1,081	1,524
Other	[1] 24,309	22,291	32,894	191,125	254,049
Petrochemical feedstocks, total	220	1,247	305	3,977	1,864
Receipts from Puerto Rico	161	61	169	851	1,289
Other	59	1,186	136	3,126	575
Special naphthas	414	114	51	977	2,646
Lubricants	259	157	395	1,513	2,038
Wax	-	-	-	-	-
Asphalt	184	129	256	618	623
Miscellaneous	8	43	4	246	254
Total	42,181	40,071	58,003	327,658	405,426
District I:					
Motor gasoline, total	3,894	3,034	5,659	24,579	32,771
Receipts from Puerto Rico	961	690	1,294	4,930	7,631
Other	2,933	2,344	4,365	19,649	25,140
Aviation gasoline, total	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	-	-
Naphtha-type jet fuel, total	1,135	772	250	6,791	2,074
Bonded aircraft fuel	-	-	-	-	-
Other	1,135	772	250	6,791	2,074
Kerosene-type jet fuel, total	713	880	909	5,027	5,349
Bonded aircraft fuel	154	210	232	1,148	823
Receipts from Puerto Rico	-	-	60	-	60
Other	559	670	617	3,879	4,466
Ethane	-	-	-	1	2
Liquefied petroleum gases	197	497	117	4,366	5,789
Kerosene, total	216	136	366	2,515	1,865
Receipts from Puerto Rico	-	-	99	26	248
Other	216	136	267	2,489	1,617
Distillate fuel oil, total	3,473	3,016	6,348	30,810	37,190
Bonded ships bunkers	200	-	-	200	5
For military offshore use	-	108	-	613	263
Receipts from Puerto Rico	310	560	934	3,675	3,876
No. 2 fuel oil	2,907	2,321	4,952	25,494	29,816
No. 4 fuel oil	56	27	462	828	3,230
Residual fuel oil, total[2]	23,231	20,220	31,099	177,008	240,287
Bonded ships bunkers	-	-	-	5	-
For military offshore use	-	40	106	559	200
Receipts from Puerto Rico	101	148	-	1,081	1,524
Other	23,130	20,032	30,993	175,363	238,563
Petrochemical feedstocks, total	46	1,068	250	2,488	908
Receipts from Puerto Rico	46	-	114	359	706
Other	-	1,068	136	2,129	202
Special naphthas	15	20	1	92	851
Lubricants	191	146	280	1,268	1,529
Wax	-	-	-	-	-
Asphalt	184	129	256	618	623
Miscellaneous	2	2	-	131	147
Total	33,297	29,920	45,535	255,694	329,385
District II:					
Motor gasoline	73	51	53	748	525
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	27	26	-	80	-
Bonded aircraft fuel	-	-	-	-	-
Other	27	26	-	80	-
Kerosene-type jet fuel, total	-	-	-	91	-
Bonded aircraft fuel	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	-	-	-	91	-
Ethane	1,186	1,471	2,186	11,424	11,944
Liquefied petroleum gases	2,971	2,189	2,940	18,411	19,185
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	27	-	27
No. 2 fuel oil	-	-	27	-	27
No. 4 fuel oil	-	-	-	-	-
Residual fuel oil[2]	601	878	1,267	5,796	8,585
Petrochemical feedstocks	12	11	-	109	259
Special naphthas	163	92	8	554	152
Lubricants	-	1	16	14	46
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	6	40	4	114	57
Total	5,039	4,759	6,501	37,341	40,780

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,240; Naphtha-type jet fuel, 399; Distillate No. 2 fuel oil, 2,907; Kerosene, 216; Residual fuel oil, 5,172.

[2] Includes crude oil for direct burning as fuel: Current month, 30.

Table 17. Imports of Finished Petroleum Products Including Receipts From Puerto Rico, the Virgin Islands, and Cuam by P.A.D. District - Continued
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
District III:					
Motor gasoline, total	-	500	863	2,335	2,536
Receipts from Puerto Rico	-	-	194	385	749
Other	-	500	669	1,950	1,787
Aviation gasoline	-	-	7	-	7
Naphtha-type jet fuel, total	-	-	-	-	212
Bonded aircraft fuel	-	-	-	-	-
Other	-	-	-	-	212
Kerosene-type jet fuel, total	357	-	156	1,188	284
Bonded aircraft fuel	-	-	-	-	-
Other	357	-	156	1,188	284
Liquefied petroleum gases	464	839	1,433	3,652	3,060
Kerosene	-	-	-	-	-
Distillate fuel oil, total	-	-	112	685	138
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	177	-
No. 2 fuel oil	-	-	112	508	138
Residual fuel oil, total	398	1,106	216	3,603	504
Bonded ships bunkers	-	-	-	-	-
Receipts from Puerto Rico	-	-	-	-	-
Other	398	1,106	216	3,603	504
Petrochemical feedstocks, total	115	168	55	979	654
Receipts from Puerto Rico	115	61	55	492	583
Other	-	107	-	487	71
Special naphthas	[3]61	-	-	74	1,142
Lubricants	68	-	-	166	190
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	1	-	1	25
Total	1,463	2,614	2,842	12,683	8,752
District IV:					
Motor gasoline	-	-	2	44	122
Aviation gasoline	-	-	-	-	-
Liquefied petroleum gases	224	226	245	2,274	2,529
Distillate fuel oil	-	-	-	-	4
Residual fuel oil	-	-	-	-	-
Special naphthas	-	-	-	2	-
Lubricants	-	-	-	1	-
Total	224	226	247	2,321	2,655
District V:					
Motor gasoline, total	654	840	318	3,568	3,137
Receipts from Puerto Rico	439	-	-	641	-
Other	215	840	318	2,927	3,137
Aviation gasoline	-	-	-	-	-
Naphtha-type jet fuel, total	160	410	475	1,022	1,632
Bonded aircraft fuel	-	-	-	-	-
Other	160	410	475	1,022	1,632
Kerosene-type jet fuel, total	493	498	1,007	4,215	5,904
Bonded aircraft fuel	133	250	66	1,723	904
Other	360	248	941	2,492	5,000
Liquefied petroleum gases	284	297	232	2,562	3,002
Kerosene	-	-	-	-	-
Distillate fuel oil, total	165	220	287	1,169	2,940
Bonded ships bunkers	-	20	-	25	-
For military offshore use	158	-	199	480	502
No. 2 fuel oil	7	200	88	664	1,237
No. 4 fuel oil	-	-	-	-	1,201
Residual fuel oil, total	180	275	418	6,363	6,397
Bonded ships bunkers	-	-	-	-	-
For military offshore use	-	-	-	-	-
Other	180	275	418	6,363	6,397
Petrochemical feedstocks	47	-	-	[3]401	43
Special naphthas	175	2	42	255	501
Lubricants	-	10	99	64	273
Wax	-	-	-	-	-
Asphalt	-	-	-	-	-
Miscellaneous	-	-	-	-	25
Total	2,158	2,552	2,878	19,619	23,854

[3] Includes receipts from Puerto Rico: 61.
Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
Plant condensate, total	177	261	295	2,277	2,841
P.A.D. District I	-	-	-	-	-
P.A.D. District II	-	-	-	-	110
P.A.D. District III	-	-	-	-	-
P.A.D. District IV	157	249	199	1,854	2,138
P.A.D. District V	20	12	96	423	593
Unfinished oils, total	1,063	2,056	1,580	14,898	9,140
P.A.D. District I	[1]759	1,327	532	7,805	4,868
P.A.D. District II	2	29	11	154	335
P.A.D. District III	178	100	748	4,869	2,609
P.A.D. District IV	-	-	-	-	-
P.A.D. District V	124	600	289	2,070	1,328

[1] Includes receipts from Puerto Rico: 373; from the Virgin Islands: 385.
Sources: Form ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin
(Thousand Barrels)

State and District	Crude oil input to refineries	Refinery fuel use and losses	Refinery receipts of domestic crude- By State of origin of domestic crude								Refinery receipts of foreign crude	
					By receiving State and method of transportation							
					Intrastate			Interstate				
			Total	Daily average	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tank cars and trucks	Tankers and barges	Pipelines	Tankers and barges
Delaware, Maryland ...	4,587	1	-	-	-	-	-	-	-	-	-	4,617
Fla., Ga., Va., N.C...	1,729	-	3,259	105	-	-	34	-	69	-	-	1,698
New Jersey, Rhode Is..	17,977	1	-	-	-	-	-	-	-	2,557	-	16,745
New York, New Hamp....	2,703	1	54	2	-	-	-	1,504	-	-	708	257
Pennsylvania: East ...	14,594	-	-	-	-	-	-	-	-	1,317	-	12,591
West ...	1,929	-	336	11	226	90	-	565	276	175	566	-
West Virginia	621	-	432	14	210	1	-	262	64	90	-	-
District I	[1]44,140	3	4,081	132	436	91	34	2,331	409	4,139	1,274	35,908
Illinois	29,499	2	2,327	75	968	2	-	17,048	1	-	11,668	-
Indiana	9,859	4	165	5	163	1	-	6,218	5	131	3,036	34
Kansas	12,303	-	5,590	180	4,565	294	-	4,944	-	-	2,212	-
Kentucky, Tennessee ..	6,961	12	278	9	-	161	-	790	82	841	5,058	175
Michigan	3,017	-	2,704	87	1,844	141	-	982	-	-	117	-
Minnesota, Wisconsin .	5,671	-	-	-	-	-	-	897	-	-	4,407	-
Missouri, Nebraska ...	2,088	-	369	12	-	4	-	2,093	-	-	-	-
N. and S. Dakota......	1,577	49	3,236	104	1,434	55	-	105	-	-	-	-
Ohio: East	1,565	-	941	30	69	-	-	660	-	-	814	-
West	[2]12,518	-	-	-	-	-	-	6,422	-	-	[2]6,081	-
Oklahoma	14,651	3	11,634	376	6,300	583	-	4,947	-	-	2,540	-
District II	99,709	70	27,244	878	15,343	1,241	-	45,106	88	972	35,933	209
Alabama	3,011	6	2,617	85	1,554	23	27	695	66	-	192	503
Arkansas	1,557	-	1,530	49	1,260	62	-	224	-	-	-	-
Louisiana	55,321	78	38,753	1,250	21,438	1,236	4,890	4,604	242	4,482	591	18,723
Mississippi	10,397	-	3,079	99	1,187	160	-	2,823	133	34	98	5,704
New Mexico	2,811	-	5,089	164	1,510	771	-	261	44	-	189	-
Texas	106,635	240	83,676	2,699	53,197	2,144	1,235	4,559	-	5,494	7,116	32,711
District III	179,732	324	134,744	4,346	80,146	4,396	6,152	13,166	485	10,010	8,186	57,641
Colorado	1,072	-	2,501	81	215	227	-	588	6	-	-	-
Montana	3,749	-	2,181	70	712	140	-	1,603	7	-	1,113	-
Utah	3,978	1	1,500	48	794	548	-	2,459	120	-	-	-
Wyoming	5,097	-	12,865	416	4,863	124	-	14	43	-	-	-
District IV	13,896	1	19,047	615	6,584	1,039	-	4,664	176	-	1,113	-
California	58,702	37	29,138	940	24,125	2,363	2,212	-	-	20,149	-	6,942
Washington	10,397	-15	-	-	-	-	-	-	-	5,577	610	4,325
Other States [3]	4,197	15	40,215	1,298	857	76	1,199	-	110	926	-	1,091
District V	73,296	37	69,353	2,238	24,982	2,439	3,411	-	110	26,652	610	12,326
United States, total ..	410,773	435	254,469	8,209	127,491	9,206	9,597	65,267	1,268	41,773	[4]47,116	106,084
Daily Average	13,251	14	8,213	X	4,113	297	310	2,105	41	1,347	1,520	3,422

[1] Includes 23,433 in Delaware River.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: July 1980
(Thousand Barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			P.A.D. Dist. I, Total	P.A.D. District II						P.A.D. District III					P.A.D. District IV					P.A.D. Dist. V, Total	U.S. Total
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
Delaware, Maryland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fla., Ga., Va.,	103	34	-	-	-	-	-	-	-	26	43	-	-	69	-	-	-	-	-	-	69
New Jersey	2,557	-	-	-	-	-	-	-	-	-	43	-	-	43	-	-	-	-	-	2,514	2,557
New York, New Hamp.	1,504	-	-	480	-	-	-	-	480	-	493	-	531	1,024	-	-	-	-	-	-	1,504
Pennsylvania: East	1,317	-	-	-	-	-	-	-	-	-	28	-	616	644	-	-	-	-	-	673	1,317
West	1,332	316	62	172	-	434	254	74	934	-	-	-	-	-	-	20	-	-	20	-	1,016
West Virginia	627	211	-	-	-	416	-	-	416	-	-	-	-	-	-	-	-	-	-	-	416
P.A.D. District I	7,440	561	62	652	-	850	254	74	1,830	26	607	-	1,147	1,780	-	20	-	-	20	3,187	6,879
Illinois	18,019	970	1,314	1	578	-	291	936	1,806	62	1,596	668	8,773	11,099	-	340	-	1,397	1,737	1,093	17,049
Indiana	6,518	164	20	216	81	43	822	706	1,868	-	259	184	2,074	2,517	88	631	-	1,230	1,949	-	6,354
Kansas	9,803	4,859	-	-	-	-	37	1,789	1,826	-	-	-	1,407	1,407	231	111	-	841	1,183	528	4,944
Kentucky, Tennessee	1,874	161	272	526	-	96	-	-	622	132	687	-	-	819	-	-	-	-	-	-	1,713
Michigan	2,967	1,985	-	-	-	-	-	-	-	-	66	-	-	66	-	-	-	916	916	-	982
Minnesota, Wisconsin	897	-	-	-	-	-	705	70	775	-	-	-	-	-	-	122	-	-	122	-	897
Missouri, Nebraska	2,097	4	-	-	-	-	-	53	53	-	-	-	1,870	1,870	-	-	-	170	170	-	2,093
North Dakota	1,594	1,489	-	-	-	-	-	-	-	-	-	-	-	-	-	105	-	-	105	-	105
Ohio: East	729	69	-	66	-	-	-	-	66	-	591	-	-	591	-	-	-	-	-	3	660
West	6,422	-	225	616	49	-	-	-	665	224	1,402	-	3,580	5,206	31	-	-	295	326	-	6,422
Oklahoma	11,830	6,883	-	-	3	-	-	-	3	-	-	132	4,617	4,749	-	-	-	-	-	195	4,947
P.A.D. District II	62,750	16,584	1,831	1,425	711	139	1,855	3,554	7,684	418	4,601	984	22,321	28,324	350	1,309	-	4,849	6,508	1,819	46,166
Alabama	2,365	1,604	315	-	-	-	-	-	-	446	-	-	-	446	-	-	-	-	-	-	761
Arkansas	1,546	1,322	-	-	-	-	-	-	-	-	42	-	46	88	-	-	-	-	-	136	224
Louisiana	36,892	27,564	1,259	-	-	-	-	-	-	999	-	-	3,308	4,307	-	-	-	-	-	3,762	9,328
Mississippi	4,337	1,347	34	-	-	-	-	-	-	2	2,954	-	-	2,956	-	-	-	-	-	-	2,990
New Mexico	2,586	2,281	-	-	-	-	-	-	-	-	-	-	278	278	13	-	14	-	27	-	305
Texas	66,629	56,576	19	-	153	-	-	1,123	1,276	1,062	2,985	1,824	-	5,871	55	-	-	-	55	2,832	10,053
P.A.D. District III	114,355	90,694	1,627	-	153	-	-	1,123	1,276	2,509	5,981	1,824	3,632	13,946	68	-	14	-	82	6,730	23,661
Colorado	1,036	442	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	501	588	6	594
Montana	2,462	852	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,610	1,610	-	1,610
Utah	3,921	1,342	-	-	-	-	-	-	-	-	-	-	-	-	1,587	-	-	918	2,505	74	2,579
Wyoming	5,044	4,987	-	-	-	-	3	-	3	-	-	-	-	-	54	-	-	-	54	-	57
P.A.D. District IV	12,463	7,623	-	-	-	-	3	-	3	-	-	-	-	-	1,641	-	87	3,029	4,757	80	4,840
California	48,849	28,700	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20,149	20,149
Other States	8,745	2,132	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	57	6,556	6,613
P.A.D. District V	57,594	30,832	-	-	-	-	-	-	-	-	-	-	-	-	-	-	57	-	57	26,705	26,762
*United States, total	254,602	146,294	[1]3,520	2,077	864	989	2,112	4,751	10,793	2,953	11,189	2,808	27,100	44,050	2,059	1,329	158	7,878	11,424	[2]38,521	108,308
Daily average	8,213	4,719	114	67	29	32	68	153	348	95	361	91	874	1,421	66	43	5	254	369	1,243	3,493

[1] Florida 3,223; New York, 54; Virginia, 2; Pennsylvania, 20; West Virginia, 221.

[2] Alaska, 38,003; Arizona, 0; California, 438; Nevada, 80.

Source: Form EIA-87.

Table 21. Production of Natural Gas Plant Liquids in the United States: July 1980
(Thousand Barrels)

P.A.D. District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfractionated stream[1]	Other products	Total[2]
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
P.A.D. District I, total........	485	350	-	15	28	163	-	556	144	136	-	1,321
East Coast................	311	255	-	-	-	163	-	418	112	-	-	841
Appalachian No. 1..........	174	95	-	15	28	-	-	138	32	136	-	480
P.A.D. District II, total.......	1,940	2,343	178	408	993	103	-	4,025	1,197	1,597	7	8,766
Appalachian No. 2..........	-	-	-	-	-	-	-	-	-	-	-	-
Ind., Ill., etc............	451	467	-	42	85	3	-	597	85	749	1	1,883
Minn., Wisc., etc..........	-	89	-	14	30	-	-	133	50	30	-	213
Okla., Kans., etc..........	1,489	1,787	178	352	878	100	-	3,295	1,062	818	6	6,670
P.A.D. District III, total......	5,930	9,539	4,823	2,784	4,158	623	40	21,967	5,465	18	842	34,222
Texas Inland...............	972	3,073	1,522	702	1,028	414	28	6,767	2,888	6,780	328	17,735
Texas Gulf.................	2,429	3,576	2,762	1,092	2,052	54	3	9,539	534	-9,391	6	3,117
Louisiana Gulf.............	2,380	2,250	428	799	754	46	3	4,280	1,581	203	487	8,931
Ark., La. Inland, etc......	62	154	-	123	171	16	6	470	106	304	19	961
New Mexico.................	87	486	111	68	153	93	-	911	356	2,122	2	3,478
P.A.D. District IV, total.......	1	412	-	4	79	171	1	667	346	939	15	1,968
P.A.D. District V, total........	-	170	-	25	51	-	38	284	329	25	-	638
United States, total........	8,356	12,814	5,001	3,236	5,309	1,060	79	27,499	7,481	2,715	864	46,915

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: July 31, 1980
(Thousand Barrels)

P.A.D. District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfractionated stream[1]	Other products	Total	Stocks of N.G.L. at refineries	
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					L.P.G.	Other
P.A.D. District I, total..	-	4,123	-	48	169	36	-	4,376	24	-	-	4,400	-	15
East Coast..........	-	1,080	-	-	49	36	-	1,165	7	-	-	1,172	-	13
Appalachian No. 1....	-	3,043	-	48	120	-	-	3,211	17	-	-	3,228	-	2
P.A.D. District II, total.	1,883	26,172	2,264	1,831	6,364	97	530	37,258	2,037	1,233	2	42,413	1,097	502
Appalachian No. 2....	-	62	-	-	-	-	-	62	-	-		62	275	-
Ind., Ill., etc......	22	4,025	-	351	742	1	-	5,119	27	98	1	5,267	89	35
Minn., Wisc., etc....	1,067	665	-	3	7	-	360	1,035	32	4	-	2,138	94	255
Okla., Kans., etc....	794	21,420	2,264	1,477	5,615	96	170	31,042	1,978	1,131	1	34,946	639	212
P.A.D. District III, total	2,093	30,477	8,092	6,942	20,066	2,298	1,246	69,121	9,151	4,065	447	84,877	1,890	557
Texas Inland.........	757	4,456	313	305	1,636	383	674	7,767	1,196	1,477	287	11,484	83	69
Texas Gulf...........	1,022	14,753	7,758	4,016	13,531	1,317	25	41,400	5,635	2,298	8	50,363	1,322	214
Louisiana Gulf.......	310	4,886	-	2,587	4,267	12	544	12,296	2,131	141	104	14,982	468	161
Ark., La. Inland, etc	1	6,120	-	7	573	557	2	7,259	48	117	47	7,472	11	78
New Mexico...........	3	262	21	27	59	29	1	399	141	32	1	576	6	35
P.A.D. District IV, total.	-	171	-	1	103	39	-	314	173	23	3	513	69	91
P.A.D. District V, total..	-	347	-	354	126	77	2	906	17	1	-	924	72	19
United States, total.	3,976	61,290	10,356	9,176	26,828	2,547	1,778	111,975	11,402	5,322	452	133,127	3,128	1,184

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[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: July 1980
(Thousand Barrels)

Item	P.A.D. District I			P.A.D. District II					P.A.D. District III						P.A.D. Dist. IV	P.A.D. Dist. V	United States
	East Coast	App. #1	Total	App. #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La., In., etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural-gas plant products:																	
Refinery input, total	-	16	16	124	2,557	342	1,514	4,537	941	4,219	2,476	584	141	8,361	409	783	14,106
Propane	-	-	-	-	61	3	-	64	-	86	233	-	-	319	-	-	383
Butane, total	-	10	10	124	1,584	173	733	2,614	402	895	1,121	105	21	2,544	226	402	5,796
Isobutane	-	4	4	68	1,005	59	479	1,611	257	710	1,073	91	21	2,152	52	165	3,984
Normal butane	-	6	6	56	156	22	186	420	76	167	22	14	-	279	3	73	781
Other	-	-	-	-	423	92	68	583	69	18	26	-	-	113	171	164	1,031
Butane-propane mix	-	-	-	-	6	-	-	6	1	140	47	-	6	194	-	94	294
Natural gasoline	-	4	4	-	819	165	740	1,724	495	2,159	936	244	114	3,948	137	267	6,080
Unfractionated stream[1]	-	2	2	-	87	1	41	129	43	939	139	235	-	1,356	46	20	1,553
*Stocks at refineries, total	13	2	15	275	124	349	851	1,599	152	1,536	629	89	41	2,447	160	91	4,312
Propane	-	-	-	-	16	-	-	16	-	203	21	-	-	224	7	-	247
Butane, total	-	-	-	275	73	94	639	1,081	83	1,119	443	11	4	1,660	62	72	2,875
Isobutane	-	-	-	33	46	41	213	333	51	204	131	11	4	401	27	66	827
Normal butane	-	-	-	242	27	24	403	696	22	915	251	-	-	1,188	2	6	1,892
Other	-	-	-	-	-	29	23	52	10	-	61	-	-	71	33	-	156
Butane-propane mix	-	-	-	-	-	-	-	-	-	-	4	-	2	6	-	-	6
Natural gasoline	13	2	15	-	33	255	212	500	66	64	157	54	35	376	24	19	934
Unfractionated stream[1]	-	-	-	-	2	-	-	2	3	150	4	24	-	181	67	-	250
Liquefied refinery gases:																	
Refinery output, total	1,257	137	1,394	33	1,588	158	579	2,358	253	2,429	1,726	96	48	4,552	158	1,624	10,086
Propane and/or propylene	853	78	931	33	1,544	128	551	2,256	177	2,070	1,215	58	17	3,537	82	979	7,785
Petrochemical	242	-	242	33	293	-	20	346	-	1,175	129	-	-	1,304	4	170	2,066
Other	611	78	689	-	1,251	128	531	1,910	177	895	1,086	58	17	2,233	78	809	5,719
Butane and/or butylene	335	59	394	-	44	30	24	98	64	310	256	37	13	680	64	520	1,756
Petrochemical	137	-	137	-	-	-	-	-	12	7	76	23	-	118	1	30	286
Other	198	59	257	-	44	30	24	98	52	303	180	14	13	562	63	490	1,470
Butane-propane mix	69	-	69	-	-	-	4	4	5	25	255	1	18	304	-	125	502
Petrochemical	-	-	-	-	-	-	-	-	-	-	3	-	2	5	-	-	5
Other	69	-	69	-	-	-	4	4	5	25	252	1	16	299	-	125	497
Isobutane	-	-	-	-	-	-	-	-	7	24	-	-	-	31	12	-	43
*Stocks at refineries, total	888	14	902	3	1,271	16	369	1,659	292	959	1,327	24	13	2,615	191	1,012	6,379
Propane and/or propylene	877	8	885	3	1,105	13	287	1,408	129	805	1,209	4	5	2,152	68	221	4,734
Petrochemical	83	-	83	3	128	-	3	134	-	5	-	-	-	5	1	-	223
Other	794	8	802	-	977	13	284	1,274	129	800	1,209	4	5	2,147	67	221	4,511
Butane and/or butylene	11	6	17	-	166	3	76	245	163	50	111	20	8	352	118	599	1,331
Petrochemical	-	-	-	-	-	-	-	-	2	4	-	1	-	7	-	-	7
Other	11	6	17	-	166	3	76	245	161	46	111	19	8	345	118	599	1,324
Butane-propane mix	-	-	-	-	-	-	6	6	-	100	7	-	-	107	1	192	306
Petrochemical	-	-	-	-	-	-	-	-	-	-	3	-	-	3	-	-	3
Other	-	-	-	-	-	-	6	6	-	100	4	-	-	104	1	192	303
Isobutane	-	-	-	-	-	-	-	-	-	4	-	-	-	4	4	-	8

---

[1] Includes plant condensate.
*Stocks as of July 31, 1980.
Sources: Forms EIA-87 and 64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by P.A.D. District (Thousand Barrels)

Item	July 1980	June 1980	July 1979	January - July (Incl.) 1980	January - July (Incl.) 1979
All Districts:					
Crude oil	7,367	10,960	7,579	62,974	52,749
Motor gasoline[1]	99	20	27	200	306
Jet fuel, total	52	35	16	370	199
Naphtha-type	-	-	-	20	1
Kerosene-type	52	35	16	350	198
Ethane	-	-	-	1	-
Liquefied gases, total	541	548	303	4,581	3,123
Propane	223	276	175	2,258	1,622
Butane	318	272	128	2,323	1,501
Kerosene	4	-	1	10	12
Distillate fuel oil	86	1	276	1,224	868
Residual fuel oil	1,860	410	551	4,796	1,983
Petrochemical feedstocks	980	1,118	1,191	6,223	6,675
Special naphthas	444	36	21	1,238	776
Lubricants	759	940	662	5,621	4,748
Wax	102	60	64	445	397
Coke	4,086	5,448	4,832	29,467	30,396
Asphalt	41	16	24	106	86
Miscellaneous products	12	18	18	94	91
Total	16,433	19,610	15,565	117,350	102,409
District I:					
Crude oil	212	162	-	1,239	-
Motor gasoline	2	-	-	7	6
Jet fuel, total	-	-	-	-	1
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	42	62	18	319	242
Propane	19	28	9	152	109
Butane	23	34	9	167	133
Kerosene	1	-	1	3	3
Distillate fuel oil	1	1	-	9	3
Residual fuel oil	178	-	-	253	2
Petrochemical feedstocks	50	43	34	333	256
Special naphthas	3	7	2	24	23
Lubricants	286	153	115	1,473	1,040
Wax	4	5	8	42	54
Coke	319	592	158	2,821	1,537
Asphalt	2	2	17	16	25
Miscellaneous products	11	16	9	82	68
Total	1,111	1,043	362	6,621	3,260
District II:					
Crude oil	2,671	1,978	3,643	20,358	16,733
Motor gasoline	-	-	1	1	1
Jet fuel, total	-	-	-	-	-
Naphtha-type	-	-	-	-	-
Kerosene-type	-	-	-	-	-
Liquefied gases, total	19	13	22	363	69
Propane	4	-	5	121	26
Butane	15	13	17	242	43
Kerosene	-	-	-	-	-
Distillate fuel oil	-	-	-	2	6
Residual fuel oil	-	-	-	-	56
Petrochemical feedstocks	53	56	99	429	290
Special naphthas	2	2	1	12	10
Lubricants	16	20	20	127	115
Wax	1	1	1	8	11
Coke	444	408	750	1,909	2,108
Asphalt	34	8	1	53	11
Miscellaneous products	-	-	1	-	1
Total	3,240	2,486	4,539	23,262	19,411

[1] Exports of "Aviation gasoline" are included with "Motor gasoline."

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by P.A.D. District - Continued (Thousand Barrels)

Item	July 1980	June 1980	July 1979	January-July (Incl.)	
				1980	1979
District III:					
Crude oil	-	-	-	3,327	-
Motor gasoline	-	-	16	-	194
Jet fuel, total	-	-	-	20	1
Naphtha-type	-	-	-	20	-
Kerosene-type	-	-	-	-	1
Ethane	-	-	-	-	-
Liquefied gases, total	332	310	163	2,921	2,034
Propane	136	132	75	1,310	789
Butane	196	178	88	1,611	1,245
Kerosene	-	-	-	2	4
Distillate fuel oil	-	-	-	1,110	-
Residual fuel oil	805	171	-	2,916	-
Petrochemical feedstocks	725	786	565	4,808	4,529
Special naphthas	435	24	17	1,178	727
Lubricants	386	689	467	3,377	3,106
Wax	89	43	47	346	289
Coke	1,516	2,050	1,738	11,532	12,086
Asphalt	2	5	3	17	13
Miscellaneous products	1	2	8	12	22
Total	4,291	4,080	3,024	31,566	23,005
District IV:					
Crude oil	1	-	48	328	442
Liquefied gases, total	-	-	-	-	4
Propane	-	-	-	-	2
Butane	-	-	-	-	2
Kerosene	-	-	-	-	-
Petrochemical feedstocks	1	1	-	4	2
Special naphthas	-	-	-	-	-
Lubricants	2	1	-	10	4
Coke	-	-	-	-	-
Asphalt	1	-	-	3	4
Miscellaneous products	-	-	-	-	-
Total	5	2	48	345	456
District V:					
Crude oil	4,483	8,820	3,888	37,722	35,574
Motor gasoline	97	20	10	192	105
Jet fuel, total	52	35	16	350	197
Naphtha-type	-	-	-	-	1
Kerosene-type	52	35	16	350	196
Ethane	-	-	-	1	-
Liquefied gases, total	148	163	100	978	774
Propane	64	116	86	675	696
Butane	84	47	14	303	78
Kerosene	3	-	-	5	5
Distillate fuel oil	85	-	276	103	859
Residual fuel oil	877	239	551	1,627	1,925
Petrochemical feedstocks	151	232	493	649	1,598
Special napthas	4	3	1	24	16
Lubricants	69	77	60	634	483
Wax	8	11	8	49	43
Coke	1,807	2,398	2,186	13,205	14,665
Asphalt	2	1	3	17	33
Miscellaneous products	-	-	-	-	-
Total	7,786	11,999	7,592	55,556	56,277

Note: Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

August 1980

uction of crude petroleum (including lease condensate) in the United States* during st averaged 8,422,000 barrels per day, a decrease of 133,000 barrels per day below the level, reports the Energy Information Administration, United States Department of Energy. ared with August of last year, this represented a decrease of 126,000 barrels per day, or percent. Imports of crude oil for the month of August averaged 4,723,000 barrels per day, esenting an increase of 78,000 barrels per day above the July 1980 level and a decrease of 6,000 barrels per day, or 30.6 percent below the amount reported for August 1979. There no imports of crude oil into the Strategic Petroleum Reserve during August 1980. Stocks rude oil at the end of August totaled 478,796,000 barrels as compared with 470,471,000 els at the end of the previous month and 412,154,000 barrels at the end of August 1979. he end of August, stocks of crude oil in the Strategic Petroleum Reserve amounted to 91,000 barrels.

average gross input to crude oil distillation units during August was 13,300,000 barrels day. This figure reflects a decrease of 309,000 barrels per day, or 2.3 percent below that rted for July 1980 and a decrease of 1,989,000 barrels per day, or 13.0 percent below the st level. The operating ratio of all refineries in the United States* during August aver- 72.6 percent of the total operable crude oil distillation capacity. This compares with percent in July 1980 and 86.5 percent in August 1979. These ratios are based upon the nning-of-the-month operable capacities of 18,318,000 barrels per day for August, 18,312,000 rels per day for July 1980, and 17,676,000 barrels per day for August 1979.

luction of products at natural gas processing plants during August averaged 1,514,000 barrels day compared with 1,513,000 barrels per day for the previous month and 1,575,000 barrels per during August 1979. Stocks of these products at natural gas processing plants, terminals, pipelines at the end of August totaled 142,779,000 barrels. This was 9.7 million barrels ve the stocks of July 31, 1980, and 13.0 million barrels above those at the end of August 1979.

al disposition of primary supply of all oils in August averaged 16,060,00 barrels per day. included 15,727,000 barrels per day of products supplied for domestic use, crude oil exports 78,000 barrels per day, refined products exports of 241,000 barrels per day, and crude oil ses of 14,000 barrels per day. Compared with August of last year, total products supplied domestic use decreased by 2,422,000 barrels per day, or 13.4 percent. During this month or gasoline, distillate fuel oil, and residual fuel oil accounted for 42, 14, and 15 percent, pectively, of the total products supplied for domestic use.

unadjusted producer price index (1967=100) for crude petroleum was 566.3 for August 1980, pared with 550.9 for July 1980, and 385.7 for August 1979, reports the Bureau of Labor tistics publication, "Producer Price Indexes - August 1980." The unadjusted producer price ex for refined products was 697.5 for August 1980, compared with 693.3 for July 1980, and .8 for August 1979.

ited States is defined as the 50 states, excluding the Hawaiian Foreign Trade Zone, plus the trict of Columbia.

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TABLES

1. Supply, Disposition, and Stocks of All Oils 3
2. Comparative Supply and Disposition Statistics 4-7
3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District 8
4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State 8
5. Production of Lease Condensate by State 9
6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States 9
7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District 9
8. Stocks of Crude Oil by State of Origin and Location 10
9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns 10
10. Refinery Input and Output 11
11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals 12
12. Transportation of Petroleum Products by Pipeline 13
13. Movements of Petroleum Products by Pipeline Between PAD Districts .. 14
14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products 15-16
15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region 17
16. Imports of Foreign Crude Oil 18-19
17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District 20-21
18. Imports of Plant Condensate and Unfinished Oils 21
19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation 22
20. Refinery Receipts of Domestic Crude Oil, by States and PAD Districts 23
21. Production of Natural Gas Plant Liquids in the United States 24
22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States 25
23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product 26
24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District 27-28

Appendix: Revisions to Data for January through April 1980

1. Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

		August 1980		July 1980		August 1979	January - August (Incl.)	
		Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
	Crude oil and lease condensate:							
	Production:							
)	Alaska	49,974	1,612	49,983	1,612	1,433	397,679	326,892
)	Lower 48 states	211,103	6,810	215,218	6,943	7,114	1,703,816	1,741,601
)	Total U.S.	261,077	8,422	265,201	8,555	8,548	2,101,495	2,068,493
	Imports:							
)	Imports (gross excl. SPR)[2]	146,420	4,723	144,009	4,645	6,774	1,327,325	1,566,060
)	SPR imports	0	0	0	0	35	0	24,434
)	Exports[3]	-2,412	-78	-7,367	-238	-245	-65,386	-60,331
)	Imports (net including SPR)	144,008	4,645	136,642	4,408	6,564	1,261,939	1,530,163
	Other sources:							
)	SPR withdrawals (plus) or additions (minus)	0	0	0	0	-35	0	-24,329
)	Other stock withdrawals (plus) or additions (minus)	-8,325	-269	+2,755	+89	-259	-48,525	-11,544
)	Used directly & losses	-881	-28	-894	-29	-30	-7,169	-7,411
)	Unaccounted for[4]	+7,477	+241	+7,069	+228	+179	+14,840	+8,799
)	Total other source	-1,729	-56	+8,930	+288	-145	-40,854	-34,485
)	Crude input to refineries (13) = (3) + (7) + (12)	403,356	13,011	410,773	13,251	14,967	3,322,580	3,564,171
	Natural gas plant liquids (NGPL):							
.)	Production	46,936	1,514	46,915	1,513	1,575	385,169	380,594
5)	Imports	259	8	177	6	11	2,536	3,182
5)	Stock withdrawals (plus) or additions (minus)	-646	-21	-1,622	-52	+2	-4,265	-2,574
7)	Total NGPL Supply	46,549	1,502	45,470	1,467	1,589	383,440	381,202
	Other liquids:							
	Unfinished oils:							
3)	Imports	611	20	1,063	34	58	15,509	11,486
9)	Stock withdrawals (plus) or additions (minus)	+2,041	+66	+1,442	+47	-35	-11,945	-3,191
0)	Net reruns, input (plus) output (minus)	+2,652	+86	+2,505	+81	+23	+3,564	+8,295
1)	Other hydrocarbons	1,242	40	1,315	42	49	12,084	9,361
2)	Refinery processing gain	15,612	504	18,609	600	585	143,062	121,471
3)	Crude used directly	448	14	453	15	14	3,607	3,607
4)	Total other liquids (24) = (20) + (21) + (22) + (23)	19,954	644	22,882	738	672	162,317	142,734
5)	Total production of refined products (25) = (13) + (17) + (24)	469,859	15,157	479,125	15,456	17,228	3,868,337	4,088,107
	Refined product imports:							
26)	Imports (gross)	41,886	1,351	42,181	1,361	1,712	369,544	459,586
27)	Exports[3]	-7,462	-241	-9,066	-292	-221	-61,838	-56,029
28)	Imports (net)	34,424	1,110	33,115	1,068	1,491	307,706	403,557
29)	Total new supply of products (29) = (25) + (28)	504,283	16,267	512,240	16,524	18,719	4,176,043	4,491,664
30)	Refined products stock withdrawn (plus) or added (minus)	-16,735	-540	-17,413	-562	-570	-42,219	+44,006
31)	Total products supplied for domestic use (31) = (29) + (30)	487,548	15,727	494,827	15,962	18,149	4,133,824	4,535,670
	Major refined products supplied:							
32)	Motor gasoline	206,020	6,646	208,799	6,735	7,330	1,613,484	1,731,146
33)	Distillate fuel oil	66,206	2,136	68,990	2,225	2,761	679,925	820,015
34)	Residual fuel oil	70,896	2,287	70,887	2,287	2,550	614,628	696,728
35)	Jet fuel, total	32,322	1,043	34,396	1,110	1,085	262,840	260,753
36)	Liquefied gases	26,488	854	26,100	842	1,081	260,302	295,095
37)	Other	85,616	2,762	85,655	2,763	3,342	702,645	731,933
38)	Total products supplied (38) = (32) through (37)	487,548	15,727	494,827	15,962	18,149	4,133,824	4,535,670
	Stocks all oils:							
39)	Crude oil and lease condensate (excl. SPR)	387,605	--	379,280	--	320,965	--	--
40)	Strategic petroleum reserve (SPR)	91,191	--	91,191	--	91,189	--	--
41)	Unfinished oils	129,597	--	131,638	--	111,922	--	--
42)	Natural gasoline[5] and unfractionated stream[6]	18,554	--	17,908	--	13,697	--	--
43)	Refined products	821,944	--	805,209	--	745,030	--	--
44)	Total	1,448,891	--	1,425,226	--	1,282,803	--	--

Daily Average columns may not add due to independent rounding.

Imports of crude oil include some Athabasca hydrocarbons.

Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Includes isopentane.

Includes plant condensate.

*Stocks: 1,000 barrels.

Sources: Forms ERA-60 and 182; FEA-P133; EIA-64, 87, 88, 89, and 90; Bureau of Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

Item	August 1980		July 1980		August 1979	January - August (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Gross input to crude oil distillation units	412,286	13,300	421,881	13,609	15,289	3,401,511	3,634,266
				Isopentane			
Production	927	30	753	24	33	5,702	6,348
Stocks at plants	1,007	--	887	--	*311	1,007	311
Used at refineries	807	26	653	21	30	5,002	6,201
Supplied for domestic use	0	0	0	0	0	1	0
				Natural gasoline			
Production	6,623	214	6,728	217	241	65,367	61,723
Stocks:							
At refineries	702	--	934	--	*965	702	965
At plants	10,427	--	10,515	--	*7,694	10,427	7,694
Total	11,129	--	11,449	--	*8,659	11,129	8,659
Imports	0	0	0	0	0	0	0
Used at refineries	4,376	141	5,427	175	195	37,479	44,434
Supplied for domestic use	2,567	83	1,112	36	44	26,317	15,378
			Unfractionaed stream (including Plant condensate)				
Production	2,057	66	2,715	88	38	12,654	13,640
Stocks:							
At refineries	190	--	250	—	*497	190	497
At plants	6,228	--	5,322	—	*4,230	6,228	4,230
Total	6,418	--	5,572	—	*4,727	6,418	4,727
Imports	259	8	177	6	11	2,536	3,182
Used at refineries	1,457	47	1,553	50	56	13,119	16,211
Supplied for domestic use	13	(s)	6	(s)	1	76	95
				Total finished gasoline			
Production:							
At refineries	200,894	6,480	201,125	6,488	6,928	1,604,405	1,686,892
At gas processing plants	467	15	624	20	22	4,130	4,137
Total	201,361	6,496	201,749	6,508	6,950	1,608,535	1,691,029
Stocks:							
At refineries	261,948	--	263,512	--	*235,036	261,948	235,036
At plants	237	--	252	--	*182	237	182
Total	262,185	--	263,764	--	*235,218	262,185	235,218
Imports	4,365	141	4,621	149	148	35,639	43,674
Exports	31	1	99	3	1	231	115
Supplied for domestic use	207,274	6,686	209,980	6,774	7,382	1,622,098	1,740,372
				Motor gasoline			
Production :							
At refineries	199,547	6,437	199,826	6,446	6,882	1,595,892	1,678,828
At gas processing plants	444	14	591	19	19	3,725	3,500
Total	199,991	6,451	200,417	6,465	6,900	1,599,617	1,682,328
Stocks:							
At refineries	259,013	--	260,711	--	*232,734	259,013	232,734
At plants	149	--	146	--	*93	149	93
Total	259,162	--	260,857	--	*232,827	259,162	232,827
Imports	4,365	141	4,621	149	148	35,639	43,667
Exports	31	1	99	3	1	231	115
Supplied for domestic use	206,020	6,646	208,799	6,735	7,330	1,613,484	1,731,146
				Aviation gasoline			
Production :							
At refineries	1,347	43	1,299	42	46	8,513	8,064
At gas processing plants	23	1	33	1	4	405	637
Total	1,370	44	1,332	43	50	8,918	8,701
Stocks:							
At refineries	2,935	--	2,801	--	*2,302	2,935	2,302
At plants	88	--	106	--	*89	88	89
Total	3,023	--	2,907	--	*2,391	3,023	2,391
Imports	0	0	0	0	0	0	7
Supplied for domestic use	1,254	40	1,181	38	52	8,614	9,226
				Total jet fuel			
Production	29,728	959	30,182	974	1,040	244,584	243,974
Stocks	40,331	--	40,902	--	*34,136	40,331	34,136
Imports	2,063	67	2,885	93	49	20,477	17,404
Exports	40	1	52	2	1	410	154
Supplied for domestic use	32,322	1,043	34,396	1,110	1,085	262,840	260,753
				Naphtha-type jet fuel			
Production:							
At refineries	6,504	210	5,805	187	165	45,331	42,308
At gas processing plants	0	0	0	0	0	0	0
Total	6,504	210	5,805	187	165	45,331	42,308
Stocks:							
At refineries	6,691	--	6,676	--	*4,847	6,691	4,847
At plants	0	--	0	--	*0	0	0
Total	6,691	--	6,676	--	*4,847	6,691	4,847
Imports	475	15	1,322	43	16	8,368	4,408
Exports	0	0	0	0	0	20	1
Supplied for domestic use	6,964	225	6,386	206	188	52,582	47,826
				Kerosene-type jet fuel			
Production	23,224	749	24,377	786	874	199,253	201,666
Stocks	33,640	--	34,226	--	*29,289	33,640	29,289
Imports	1,588	51	1,563	50	33	12,109	12,996
Exports	40	1	52	2	1	390	153
Supplied for domestic use	25,358	818	28,010	904	897	210,258	212,927

[1] Daily Average columns may not add due to independent rounding,
*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

Table 1. Comparative Supply and Disposition (Continued)
(Thousand Barrels)

Item	August 1980 Total	August 1980 Daily Av.[1]	July 1980 Total	July 1980 Daily Av.[1]	August 1979 Daily Av.[1]	January - August (Inclusive) 1980	January - August (Inclusive) 1979
Ethane (including ethylene)							
Production:							
At refineries	50	2	112	4	5	1,338	1,926
At gas processing plants	8,226	265	8,356	270	281	68,350	69,683
Total	8,276	267	8,468	273	286	69,688	71,609
Stocks:							
At refineries	0	--	0	--	*0	0	0
At plants	4,404	--	3,976	--	*6,165	4,404	6,165
Total	4,404	--	3,976		*6,165	4,404	6,165
Imports	1,147	37	1,186	38	35	12,577	13,042
Exports	0	0	0	0	0	1	0
Supplied for domestic use:							
Refinery ethane/ethylene	50	2	112	4	5	1,338	1,926
Plant ethane	8,945	289	9,493	306	340	82,274	83,408
Total	8,995	290	9,605	310	345	83,612	85,334
Total liquefied gases							
Production:							
At refineries (LRG):							
For fuel use	7,613	246	7,686	248	263	58,599	56,419
For chemical use	2,359	76	2,400	77	96	21,769	25,836
Total	9,972	322	10,086	325	359	80,368	82,255
At gas processing plants (LPG)	28,447	918	27,499	887	952	227,152	223,125
Total	38,419	1,239	37,585	1,212	1,311	307,520	305,380
Stocks:							
LRG:							
For fuel use	6,620	--	6,138	--	*6,517	6,620	6,517
For chemical use	236	--	241	--	*210	236	210
Total	6,856	--	6,379	--	*6,727	6,856	6,727
LPG:							
At refineries	3,189	--	3,128	--	*2,898	3,189	2,898
At plants	120,300	--	111,975	--	*110,970	120,300	110,970
Total	123,489	--	115,103	--	*113,868	123,489	113,868
Total	130,345	--	121,482	--	*120,595	130,345	20,595
Imports	3,739	121	4,140	134	190	35,004	39,469
Exports	529	17	541	17	12	5,110	3,509
LPG used at refineries	6,278	203	6,473	209	131	51,899	54,907
Supplied for domestic use:							
LRG for fuel use	7,131	230	6,910	223	252	57,855	57,047
LRG for chemical use	2,364	76	2,394	77	97	21,657	25,894
LPG for fuel and chemical use	16,993	548	16,795	542	732	180,790	212,154
Total	26,488	854	26,100	842	1,081	260,302	295,095
Propane (including propylene)							
Production:							
At refineries:							
For fuel use	6,065	196	5,719	184	207	47,982	45,728
For chemical use	1,900	61	2,066	67	78	17,719	20,494
Total	7,965	257	7,785	251	285	65,701	66,222
At gas processing plants	13,253	428	12,814	413	441	105,590	108,924
Total	21,218	684	20,599	664	725	171,291	175,146
Stocks:							
Refinery propane/propylene:							
For fuel use	4,914	--	4,511	--	*4,579	4,914	4,579
For chemical use	217	--	223	--	*185	217	185
Total	5,131	--	4,734	--	*4,764	5,131	4,764
Plant propane:							
At refineries	200	--	247	--	*303	200	303
At plants	64,731	--	61,290	--	*70,697	64,731	70,697
Total	64,931	--	61,537	--	*71,000	64,931	71,000
Total	70,062	--	66,271	--	*75,764	70,062	75,764
Imports	1,439	46	1,041	34	39	14,570	19,566
Exports	218	7	223	7	7	2,476	1,836
Plant propane used at refineries	291	9	383	12	13	3,301	3,255
Supplied for domestic use:							
Refinery propane/propylene:							
For fuel use	5,662	183	4,964	160	201	47,105	46,063
For chemical use	1,906	61	2,055	66	79	17,609	20,546
Total	7,568	244	7,019	226	280	64,714	66,609
Plant propane	10,789	348	8,191	264	441	109,101	133,182
Total	18,357	592	15,210	491	720	173,815	199,791
Butane (including butylene)							
Production:							
At refineries:							
For fuel use	1,131	36	1,470	47	42	8,175	8,658
For chemical use	434	14	286	9	12	3,359	3,586
Total	1,565	50	1,756	57	54	11,534	12,244
At gas processing plants	6,542	211	6,369	205	229	50,370	49,949
Total	8,107	262	8,125	262	283	61,904	62,193
Stocks:							
Refinery butane/butylene:							
For fuel use	1,368	--	1,324	--	*1,611	1,368	1,611
For chemical use	6	--	7	--	17	6	17
Total	1,374	--	1,331	--	*1,628	1,374	1,628
Plant butane:							
At refineries	2,080	--	2,048	--	*1,690	2,080	1,690
At plants	32,099	--	29,375	--	*25,752	32,099	25,752
Total	34,179	--	31,423	--	*27,442	34,179	27,442
Total	35,553	--	32,754	--	*29,070	35,553	29,070
Imports	1,040	34	2,286	74	81	13,274	13,705
Exports	311	10	318	10	5	2,634	1,673
Plant butane used at refineries	1,874	60	1,812	58	70	22,194	24,425
Supplied for domestic use:							
Refinery butane/butylene:							
For fuel use	1,087	35	1,432	46	39	8,311	9,136
For chemical use	435	14	288	9	12	3,360	3,587
Total	1,522	49	1,720	55	51	11,671	12,723
Plant butane	2,641	85	3,816	123	130	28,406	31,419
Total	4,163	134	5,536	179	181	40,077	44,142

[1] Daily Average columns do not add due to independent rounding.

*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

Item	August 1980		July 1980		August 1979	January - August (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Butane-propane mixture							
Production:							
At refineries:							
For fuel use	417	13	497	16	13	2,442	2,033
For chemical use	2	(s)	5	(s)	0	73	362
Total	419	14	502	16	13	2,515	2,395
At gas processing plants	283	9	79	3	3	913	768
Total	702	23	581	19	16	3,428	3,163
Stocks:							
Refinery butane-propane mixture:							
For fuel use	338	--	303	--	*327	338	327
For chemical use	1	--	3	--	*0	1	0
Total	339	--	306	--	*327	339	327
Plant butane-propane mixture :							
At refineries	5	--	6	--	*8	5	8
At plants	2,189	--	1,778	--	*1,301	2,189	1,301
Total	2,194	--	1,784	--	*1,309	2,194	1,309
Total	2,533	--	2,090	--	*1,636	2,533	1,636
Imports	1,260	41	813	26	20	7,160	6,198
Plant butane-propane mixture used at refineries	161	5	294	9	5	1,636	1,711
Supplied for domestic use:							
Refinery butane-propane mixture:							
For fuel use	382	12	514	17	12	2,439	1,848
For chemical use	4	(s)	5	(s)	0	73	364
Total	386	12	519	17	12	2,512	2,212
Plant butane-propane mixture	972	31	1,188	38	18	5,625	5,379
Total	1,358	44	1,707	55	31	8,137	7,591
Ethane-propane mixture							
Production	5,065	163	5,001	161	165	45,171	38,566
Stocks	12,830	--	10,356	--	*6,320	12,830	6,320
Imports	0	0	0	0	0	0	0
Supplied for domestic use	2,591	84	3,601	116	143	37,658	42,174
Isobutane							
Production:							
At refineries	23	1	43	1	6	618	1,394
At gas processing plants	3,304	107	3,236	104	114	25,108	24,918
Total	3,327	107	3,279	106	120	25,726	26,312
Stocks:							
Refinery isobutane	12	--	8	--	*8	12	8
Plant isobutane:							
At refineries	904	--	827	--	*897	904	897
At plants	8,451	--	9,176	--	*6,900	8,451	6,900
Total	9,355	--	10,003	--	*7,797	9,355	7,797
Total	9,367	--	10,011	--	*7,805	9,367	7,805
Plant isobutane used at refineries	3,952	127	3,984	129	93	24,768	25,516
Supplied for domestic use:							
Refinery isobutane for chemical use	19	1	46	1	6	615	1,397
Kerosene (including range oil)							
Production:							
At refineries	3,318	107	3,788	122	156	33,766	44,764
At gas processing plants	2	(s)	2	(s)	(s)	23	28
Total	3,320	107	3,790	122	156	33,789	44,792
Stocks:							
At refineries	13,331	--	14,290	--	*14,229	13,331	14,229
At plants	2	--	2	--	*2	2	2
Total	13,333	--	14,292	--	*14,231	13,333	14,231
Imports	0	0	216	7	0	2,515	1,865
Exports	0	0	4	(s)	(s)	10	15
Supplied for domestic use	4,279	138	3,583	116	158	38,785	46,741
Distillate fuel oil							
Production:							
At refineries	76,312	2,462	83,343	2,688	3,321	643,236	752,174
At gas processing plants	13	(s)	13	(s)	(s)	114	115
Total	76,325	2,462	83,356	2,689	3,321	643,350	752,289
Crude used directly as distillate	47	2	47	2	2	361	361
Stocks:							
At refineries :							
No. 4 fuel oil	3,041	--	3,090	--	*3,276	3,041	3,276
Other	223,264	--	210,666	--	*192,089	223,264	192,089
Total	226,305	--	213,756	--	*195,365	226,305	195,365
At plants	25	--	27	--	*14	25	14
Total	226,330	--	213,783	--	*195,379	226,330	195,379
Imports	2,382	77	3,638	117	218	35,046	47,286
Exports	1	(s)	86	3	(s)	1,225	1,004
Supplied for domestic use	66,206	2,136	68,990	2,225	2,761	679,925	820,015
Residual fuel oil							
Production	44,779	1,444	45,879	1,480	1,584	387,438	405,451
Crude used directly as residual	401	13	406	13	13	3,246	3,246
Stocks	86,949	--	85,605	--	*87,622	86,949	87,622
Imports	[2]27,110	875	24,410	787	1,023	219,880	287,481
Exports	50	2	1,860	60	14	4,846	2,022
Supplied for domestic use	70,896	2,287	70,887	2,287	2,550	614,628	696,728
Petrochemical feedstocks[3]							
Production	15,527	501	18,026	581	724	178,917	164,549
Stocks	8,575	--	8,338	--	*3,467	8,575	3,467
Imports:							
Naphtha-400	0	0	0	0	0	0	0
Other	537	17	220	7	21	4,514	2,694
Total	537	17	220	7	21	4,514	2,694
Exports:							
Naphtha-400	163	5	136	4	5	1,323	1,089
Other	600	19	844	27	26	5,663	6,325
Total	763	25	980	32	31	6,986	7,414
Supplied for domestic use:							
Still gas	1,106	36	1,261	41	32	10,480	8,469
Naphtha-400	4,961	160	5,872	189	267	58,586	56,505
Other	8,997	290	9,369	302	428	102,799	95,830
Total	15,064	486	16,502	532	727	171,865	160,804

[1] Daily Average columns may not add due to independent rounding.

[2] Includes foreign crude oil to be burned as fuel: 195.

[3] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are excluded and are included with data under items "Ethane" and "Liquefied gases."

*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

	August 1980		July 1980		August 1979	[illegible]	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
				Special naphthas			
ction:							
refineries	3,018	97	2,662	86	84	[illegible]	[illegible]
gas processing plants	102	3	138	4	5	746	[illegible]
	3,120	101	2,800	90	89	24,737	33,659
s:							
refineries	4,668	--	4,761	--	*3,430	4,668	3,430
plants	128	--	119	--	*133	128	133
	4,796	--	4,880	--	*3,563	4,796	3,563
ts	128	4	414	13	7	1,105	3,063
ts	44	1	444	14	14	1,282	1,445
ied for domestic use	3,288	106	2,812	91	76	24,022	25,837
				Lubricants			
ction	4,983	161	5,781	186	201	44,004	47,667
s	13,595	--	13,333	--	*11,685	13.595	11,685
ts	199	6	259	8	11	1,712	2,393
ts:							
ase	20	1	19	1	1	153	178
	602	19	740	24	19	6,090	5,185
	622	20	759	24	20	6,243	5,363
ied for domestic use	4,298	139	4,280	138	190	38,427	45.245
				Wax[2]			
ction	565	18	505	16	19	4,150	4.598
s	618	--	571	--	*694	618	694
ts	0	0	0	0	0	0	0
ts	64	2	102	3	2	509	452
ied for domestic use	454	15	442	14	17	3,754	4,211
				Coke[3]			
ction:							
rketable coke	6,381	206	6,861	221	212	50,834	49,658
talyst coke	5,208	168	5.147	166	169	39,831	42,055
l	11,589	374	12,008	387	382	90,665	91,713
ks	5,754	--	5,835	--	*7,947	5,754	7,947
rts	5.220	168	4,086	132	124	34,687	34.312
lied for domestic use	6,450	208	7,774	251	329	55,434	60,522
				Asphalt[4]			
uction	13,920	449	14.116	455	618	94,687	109.801
ks	22,458	--	26,247	--	*21,450	22 458	21,450
rts	209	7	184	6	11	827	954
rts	75	2	41	1	1	181	116
lied for domestic use	17,843	576	18,199	587	749	91,916	110,078
				Road oil			
uction	226	7	253	8	8	1,641	1,207
ks	304	--	481	--	*248	304	248
lied for domestic use	403	13	396	13	7	1,681	1,187
				Miscellaneous products			
luction	17,004	549	16,835	543	569	132 868	138,550
				Still gas for fuel			
duction:							
refineries	3,895	126	2,607	84	89	22,931	26,824
gas processing plants	72	2	87	3	3	731	842
al	3,967	128	2,694	87	92	23,662	27,666
cks:							
refineries	1,946	--	1,668	--	*2,593	1,946	2,593
plants	21	--	52	--	*37	21	37
al	1,967	--	1,720	--	*2,630	1,967	2.630
orts	7	(s)	8	(s)	(s)	253	261
orts	23	1	12	(s)	1	117	108
plied for domestic use	3,704	119	2,928	94	78	25,273	28,725
				Unfinished oils (net)			
ut (plus) Output (minus)	+2,652	+86	+2,505	+81	+23	+3,564	+8,295
cks	129,597	--	131,638	--	*111,922	129,597	111,922
orts	611	20	1,063	34	58	15,509	11,486

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lv Average columns do not add due to independent rounding.
wax, 1 barrel = 280 pounds.
coke, 5 barrels = 1 short ton.
asphalt, 5.5 barrels = 1 short ton.
ocks: 1,000 barrels. (s) Less than 500 barrels per day.
e: "Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.
rces: Forms ERA-60; FEA-P133; EIA-64, 87, 88, 89, and 90; Bureau of Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District[1]
(Thousand Barrels)

State and PAD District	August 1980		July 1980	August 1979	January - August (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
PAD District I:						
Florida	3,691	119.1	118.0	3,986	28,524	31,859
New York	E69	2.2	2.4	76	572	559
Pennsylvania	E225	7.3	11.9	281	2,590	1,960
Virginia	0	0	0	0	0	0
West Virginia	E205	6.6	8.0	237	1,452	1,553
Total	E4,190	135.2	140.3	4,580	33,138	35,935
PAD District II:						
Illinois	1,890	61.0	60.7	1,882	15,195	14,327
Indiana	E396	12.8	13.4	453	3,069	3,121
Kansas	4,954	159.8	168.3	5,030	39,626	37,607
Kentucky	496	16.0	17.1	491	3,841	3,628
Michigan	2,864	92.4	90.2	2,833	21,962	22,771
Missouri	E6	0.2	0.2	7	47	63
Nebraska	548	17.7	17.4	546	4,149	4,059
North Dakota	3,422	110.4	112.7	2,769	26,239	19,763
Ohio	E1,035	33.4	34.8	1,118	8,446	8,113
Oklahoma	11,918	384.5	409.3	11,197	97,731	94,933
South Dakota	59	1.9	2.5	82	537	570
Tennessee	65	2.1	2.6	65	459	406
Total	E27,653	892.0	929.1	26,473	221,301	209,361
PAD District III:						
Alabama	2,024	65.3	48.5	1,570	14,242	12,753
Arkansas	1,506	48.6	48.2	1,535	12,191	12,536
Louisiana:						
Gulf Coast	33,371	1076.5	1,188.6	38,787	293,742	303,956
Rest of State	2,788	89.9	90.6	2,849	21,970	20,949
Total	36,159	1,166.4	1,279.2	41,636	315,712	324,905
Mississippi	3,273	105.6	97.7	3,129	24,944	24,925
New Mexico:						
Southeastern	5,633	181.7	185.8	6,217	46,818	48,723
Northwestern	496	16.0	12.7	536	4,111	3,966
Total	6,129	197.7	198.5	6,753	50,929	52,689
Texas:						
District 01	1,573	50.7	51.9	1,628	12,842	12,791
District 02	3,707	119.6	128.0	4,418	32,075	35,812
District 03	10,783	347.8	340.1	10,833	83,831	87,561
District 04	2,244	72.4	83.6	2,564	20,351	20,475
District 05	869	28.0	27.7	954	7,230	8,028
District 06, except East Texas	4,014	129.5	133.1	4,466	33,686	36,007
East Texas	4,927	158.9	159.0	5,091	39,260	40,359
District 07B	2,435	78.6	77.9	2,385	19,021	18,828
District 07C	2,616	84.4	83.9	2,589	21,014	20,147
District 08	20,241	652.9	653.9	20,966	161,129	166,135
District 08A	23,459	756.7	763.1	25,260	188,023	202,469
District 09	2,825	91.1	91.7	2,777	22,506	21,942
District 10	1,542	49.7	49.7	1,599	12,516	12,648
Total	81,235	2620.5	2643.7	85,530	653,484	683,202
Total	130,326	4204.1	4315.8	140,153	1,071,502	1,111,010
PAD District IV:						
Colorado	2,633	84.9	78.9	2,493	19,765	21,840
Montana	2,468	79.6	80.3	2,605	19,814	19,581
Utah	2,058	66.4	81.3	2,324	16,990	18,439
Wyoming	E11,194	361.1	348.8	11,861	85,255	89,689
Total	E18,353	592.0	589.3	19,283	141,824	149,549
PAD District V:						
Alaska[3]	49,974	1,612.1	1,612.4	44,432	397,679	326,892
Arizona	33	1.1	1.1	40	284	309
California:						
South	7,009	226.1	226.6	7,437	55,795	59,353
Central Coastal	4,996	161.2	158.6	5,154	38,748	40,444
East Central	18,409	593.8	578.8	17,300	140,395	134,625
North	18	0.6	0.6	19	139	165
Total	30,432	981.7	964.7	29,910	235,077	234,587
Nevada	E116	3.7	2.3	110	690	850
Total	E80,555	2,598.5	2,580.4	74,492	633,730	562,638
United States, total	E261,077	8,421.8	8,554.9	264,981	2,101,495	2,068,493
Pennsylvania Grade (included above)	1,441	46.5	45.3	1,343	10,458	9,508

[1] Includes offshore production.
[2] Daily Average columns may not add due to independent rounding.
[3] North Slope Production: Current month, 47,001; Year-to-date, 374,299.
E=estimate.
Sources: ERA-182, the U.S. Geological Survey, and State Conservation Agencies.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State[1]
(Thousand Barrels)

State	August 1980		July 1980	August 1979	January - August (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
Alaska[3]	2,653	85.6	87.5	3,292	22,043	26,603
California:						
Federal	874	28.2	26.9	941	6,723	7,376
State	3,336	107.6	105.7	3,511	26,989	27,961
Total	4,210	135.8	132.6	4,452	33,712	35,337
Louisiana:						
Federal	18,729	604.2	704.6	22,186	172,614	171,852
State	2,201	71.0	74.5	2,520	18,498	20,021
Total	20,930	675.2	779.1	24,706	191,112	191,873
Texas:						
Federal	750	24.2	15.7	316	4,948	2,045
State	133	4.3	5.3	193	1,388	1,721
Total	883	28.5	20.9	509	6,336	3,766
United States, total	28,676	925.0	1,020.1	32,959	253,203	257,579

[1] These production data are included in Table 3.
[2] Daily Average columns may not add due to independent rounding.
[3] All offshore production within State boundaries.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State[1]
(Thousand Barrels)

State	August 1980		July 1980	August	January - August (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
Alabama	1,188	38.[illegible]	1.8	[illegible]	[illegible]	[illegible],6[illegible]
California	[illegible]	0.6	0.[illegible]	[illegible]	136	[illegible]
Louisiana	5,63[illegible]	181.[illegible]	194.1	6,[illegible]	[illegible]	[illegible]
Mississippi	431	13.9	7.2	191	[illegible]	[illegible]
New Mexico	418	13.[illegible]	[illegible]	39	[illegible]	[illegible]
Oklahoma	458	14.8	16.3	[illegible]	[illegible]	[illegible]
Texas	3,022	97.[illegible]	99.3	3,060	[illegible],960	[illegible]
Total	11,166	360.2	[illegible]1.9	11,185	91,[illegible]	88,[illegible]

[1] These production data are in Table 3. Small amounts of lease condensate are known to be produced in states other than those listed, however, statistics on this production are not available.

[2] Daily Average columns may not add due to independent rounding.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	August 1980		July 1980	August	January - August (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]	1979	1980	1979
Supply:						
Production	261,077	8,422	8,555	264,981	2,101,495	2,068,493
Imports	146,420	4,723	4,645	211,072	1,327,325	1,590,494
Total new supply	407,497	13,145	13,200	476,053	3,428,820	3,658,987
Stock changes:						
Domestic crude	+4,816	+155	-26	+2,576	+39,264	+4,410
Foreign crude	+3,509	+113	-62	+6,531	+9,261	+31,463
Unaccounted for[2]	+7,477	+241	+228	+5,559	+14,840	+8,799
Disposition by use:						
Refinery inputs, domestic crude	257,426	8,304	8,257	257,896	2,004,070	2,010,009
Refinery inputs, foreign crude	145,930	4,707	4,994	206,075	1,318,510	1,554,162
Exports	2,412	78	238	7,592	65,386	60,331
Transfers	448	14	15	448	3,607	3,607
Losses	433	14	14	494	3,562	3,804
Total	406,649	13,118	13,517	472,505	3,395,135	3,631,913

[1] Daily Average columns may not add due to independent rounding.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Sources: Forms ERA-60; EIA-87 and 90; ERA-182; State Conservation Agencies; Bureau of Census publications EM 522 and EM 594; and the U.S. Geological Survey.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District
(Thousand Barrels)

State of Origin	August 1980		July 1980	August	January - August (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]	1979	1980	1979
PAD District I:						
Florida	4,383	141.4	120.6	4,245	28,150	33,039
New York	82	2.7	2.3	76	571	559
Pennsylvania	207	6.7	11.0	239	2,454	1,770
Virginia	0	0.0	0.0	0	0	4
West Virginia	228	7.4	7.3	231	1,492	1,463
Total	4,900	158.1	141.3	4,791	32,667	36,835
PAD District II:						
Illinois	1,904	61.4	61.0	1,670	15,039	14,547
Indiana	390	12.6	15.2	504	2,987	3,170
Kansas	5,749	185.5	186.9	5,510	39,249	38,006
Kentucky	526	17.0	15.4	560	3,724	3,647
Michigan	3,276	105.7	66.8	2,563	21,729	22,708
Missouri	6	0.2	0.2	7	47	63
Nebraska	62	2.0	12.7	591	3,345	5,587
North Dakota	3,812	123.0	104.3	2,690	26,135	19,650
Ohio	1,184	38.2	37.1	1,139	9,272	8,117
Oklahoma	11,860	382.6	412.5	11,525	96,510	96,847
South Dakota	59	1.9	2.5	84	538	572
Tennessee	68	2.2	2.6	65	460	403
Total	28,896	932.1	912.3	26,908	219,035	213,317
PAD District III:						
Alabama	1,742	56.2	37.0	1,602	13,475	12,639
Arkansas	1,338	43.2	51.7	1,632	12,007	12,581
Louisiana	35,208	1,135.7	1,231.9	37,771	312,653	322,623
Mississippi	3,307	106.7	99.0	3,250	23,934	25,182
New Mexico	5,718	184.5	231.6	6,952	50,066	52,397
Texas	81,456	2,627.6	2,651.4	86,033	643,711	677,489
Total	128,769	4,153.8	4,302.6	137,240	1,055,846	1,102,911
PAD District IV:						
Colorado	2,921	94.2	81.1	2,508	19,965	21,927
Montana	3,168	102.2	76.0	2,399	19,714	19,428
Utah	2,094	67.6	87.7	2,351	16,936	18,652
Wyoming	12,872	415.2	382.3	12,793	84,038	87,346
Total	21,055	679.2	627.1	20,033	140,653	147,353
PAD District V:						
Alaska	40,519	1,307.1	1,609.0	43,920	380,035	329,568
Arizona	33	1.1	1.1	40	264	309
California	31,975	1,031.5	985.5	29,364	233,047	232,939
Nevada	114	3.7	2.5	109	684	851
Total	72,641	2,343.3	2,598.1	73,433	614,030	563,667
United States:						
Domestic crude	256,261	8,266.5	8,581.4	262,405	2,062,231	2,064,083
Foreign crude	142,911	4,610.0	4,707.8	204,541	1,318,064	1,559,031
Total	399,172	12,876.5	13,289.2	466,946	3,380,295	3,623,114
Pennsylvania Grade (included above)	1,570	50.7	40.2	1,205	7,456	9,269

[1] Daily Average columns may not add due to independent rounding.

Sources: Forms ERA-60 and 182; EIA-87 and 90; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State of Origin and Location
(Thousand Barrels)

State and PAD District	August 31, 1980	July 31, 1980	August 31, 1980				July 31, 1980
	Total for state of origin	Total for state of origin	At refineries	At tank farms and pipelines	On leases	Total all locations	Total all locations
District I:							
Delaware, Maryland	0	0	1,820	0	--	1,820	1,851
Florida, Georgia, NC, VA, W. VA	2,636	3,351	1,906	553	46	2,505	2,881
New Hampshire, New York, Rhode Island	5	286	955	1,173	--	2,128	1,729
New Jersey	0	--	10,255	--	--	10,255	9,213
Pennsylvania	605	616	6,016	1,347	26	7,389	7,199
Total	3,246	4,253	20,952	3,073	72	24,097	22,873
District II:							
Illinois	2,247	2,261	5,623	17,418	77	23,118	22,386
Indiana	537	531	1,498	3,072	3	4,573	4,524
Iowa, Missouri, Nebraska	1,289	803	333	7,548	27	7,908	8,171
Kansas	4,603	5,398	2,606	6,799	223	9,628	10,324
Kentucky, Tennessee	363	396	1,573	4,194	10	5,777	5,572
Michigan	2,805	3,119	1,056	2,027	128	3,211	3,637
Minnesota, Wisconsin	0	--	1,775	1,871	--	3,646	4,218
North Dakota, South Dakota	2,027	2,272	158	925	129	1,212	1,267
Ohio	1,270	1,419	2,278	2,911	102	5,291	5,500
Oklahoma	16,435	16,335	1,958	23,454	767	26,179	27,027
Total	31,576	32,534	18,858	70,219	1,466	90,543	92,626
District III:							
Alabama	1,151	869	739	987	41	1,767	1,922
Arkansas	1,116	948	137	1,485	43	1,665	1,612
Louisiana	28,673	27,722	23,221	71,106	2,127	96,454	94,052
Mississippi	2,977	3,011	2,554	4,750	175	7,479	6,944
New Mexico	8,886	8,475	502	3,047	2,020	5,569	5,226
Texas	105,872	106,093	39,898	119,930	11,544	171,372	160,054
Total	148,675	147,118	67,051	[1] 201,305	15,950	[2] 284,306	269,810
District IV:							
Colorado	1,552	1,840	250	750	150	1,150	1,313
Montana	3,096	3,784	1,244	1,542	385	3,171	4,034
Utah	1,310	1,346	682	793	272	1,747	1,969
Wyoming	19,862	21,540	1,488	8,722	410	10,620	11,333
Total	25,820	28,510	3,664	11,807	1,217	16,688	18,649
District V:							
California	22,947	24,490	22,522	15,110	1,428	39,060	39,651
Other States[3]	53,271	43,814	7,873	16,172	57	24,102	26,862
Total	76,218	68,304	30,395	31,282	1,485	63,162	66,513
United States:							
Domestic crude	[4] 285,535	280,719	78,189	187,156	20,190	285,535	280,719
Foreign crude	193,261	189,752	62,731	130,530	--	[5] 193,261	189,752
Total	478,796	470,471	140,920	317,686	20,190	478,796	470,471

[1] Includes 91,191 located in the Strategic Petroleum Reserve.
[2] Includes 171,351 located in Texas-Louisiana Gulf Coast.
[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.
[4] Includes 1,753 of Pennsylvania Grade.
[5] Stocks of foreign crude in PAD District I, 16,258; District II, 22,297; District III, 145,410; District IV, 673; District V, 8,623.

able 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oil Reruns: August 1980

istrict	Total gasoline[1]	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel oil	Total jet fuel	All other products[2]
ast Coast	45.1	0	0	22.7	12.7	4.6	14.9
ppalachian # 1	41.7	0.7	1.7	22.3	8.1	5.4	20.1
ppalachian # 2	53.2	0	2.6	19.9	3.8	0	20.5
ndiana, Illinois, etc.	57.7	0.6	0.5	17.1	4.5	4.6	15.0
innesota, Wisconsin, etc.	50.6	0	0	26.8	3.0	4.3	15.3
klahoma, Kansas, etc.	51.6	0.7	0.2	24.7	4.2	4.9	13.7
exas Inland	44.8	1.0	0.2	21.2	5.5	6.7	20.6
exas Gulf	40.8	1.0	1.7	16.0	11.2	6.4	22.9
ouisiana Gulf	47.4	0.2	1.5	21.4	9.0	9.4	11.1
rkansas, Louisiana Inland, etc.	25.2	5.2	0.1	27.6	16.1	2.8	23.0
ew Mexico	35.1	0	1.8	26.2	14.6	12.3	10.0
ocky Mountain	47.2	0.2	0.1	27.1	6.1	7.0	12.3
est Coast	41.3	1.2	0.3	12.9	22.1	12.2	10.0
.S. Totals:							
August 1980	46.0	0.7	0.8	18.8	11.0	7.3	15.4
July 1980	44.9	0.6	0.9	20.2	11.1	7.3	15.0
August 1979	42.8	0.6	1.0	22.2	10.6	6.9	15.9

Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.
Includes processing gain.
ource: Form EIA-87.

Table 10. Refinery Input and Output: August 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appa-lachian #1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum:																	
Domestic	3,478	3,906	7,384	706	34,966	2,642	24,851	63,165	13,094	57,389	35,057	4,401	2,576	112,517	12,745	61,615	257,426
Foreign	33,882	1,216	35,098	853	[1]26,322	5,280	4,559	[1]37,014	1,445	33,096	22,758	928	146	58,373	1,606	13,839	[1]145,930
Total	37,360	5,122	42,482	1,559	61,288	7,922	29,410	100,179	14,539	90,485	57,815	5,329	2,722	170,890	14,351	75,454	403,356
Unfinished oils rerun (net)	+3,325	-95	+3,230	+67	+105	+4	+555	+731	+701	-1,516	-1,397	+114	-139	-2,237	+221	+707	+2,652
Total crude and unfin. rerun	40,685	5,027	45,712	1,626	61,393	7,926	29,965	100,910	15,240	88,969	56,418	5,443	2,583	168,653	14,572	76,161	406,008
Natural gas liquids:																	
LPG	16	14	30	130	1,182	158	1,025	2,495	435	790	1,510	135	32	2,902	251	600	6,278
Natural gasoline	0	10	10	0	546	130	819	1,495	551	1,481	859	196	106	3,193	176	309	5,183
Unfractionated stream[2]	0	2	2	0	89	0	40	129	48	868	103	261	0	1,280	46	0	1,457
Total	16	26	42	130	1,817	288	1,884	4,119	1,034	3,139	2,472	592	138	7,375	473	909	12,918
Other hydrocarbons	74	20	94	0	181	0	36	217	6	308	231	0	1	546	25	360	1,242
Output																	
Gasoline:																	
Motor gasoline	18,415	2,143	20,558	996	37,227	4,299	17,342	59,864	7,863	39,272	29,218	1,967	1,046	79,366	7,325	32,434	199,547
Aviation gasoline	24	0	24	0	186	0	40	226	5	538	224	0	0	767	51	279	1,347
Total	18,439	2,143	20,582	996	37,413	4,299	17,382	60,090	7,868	39,810	29,442	1,967	1,046	80,133	7,376	32,713	200,894
Jet fuel:																	
Naphtha-type	579	153	732	0	479	65	568	1,112	345	946	492	128	282	2,193	330	2,137	6,504
Kerosene-type	1,289	119	1,408	0	2,385	279	919	3,583	683	4,796	4,817	27	36	10,359	689	7,185	23,224
Total	1,868	272	2,140	0	2,864	344	1,487	4,695	1,028	5,742	5,309	155	318	12,552	1,019	9,322	29,728
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	12	7	0	0	19	0	31	50
LRG:																	
For fuel use	941	163	1,104	0	1,408	180	546	2,134	262	1,150	1,370	62	56	2,900	176	1,299	7,613
For chemical use	406	0	406	35	205	0	40	280	6	1,184	204	21	0	1,415	11	247	2,359
Total	1,347	163	1,510	35	1,613	180	586	2,414	268	2,334	1,574	83	56	4,315	187	1,546	9,972
Kerosene	3	85	88	42	322	0	73	437	32	1,559	874	7	46	2,518	20	255	3,318
Distillate fuel oil	9,250	1,121	10,371	324	10,509	2,130	7,422	20,385	3,228	14,220	12,109	1,505	677	31,739	3,957	9,860	76,312
Residual oil	5,168	409	5,577	63	2,761	236	1,259	4,319	841	9,975	5,098	878	378	17,170	888	16,825	44,779
Petrochemical feedstocks:																	
Still gas	36	19	55	0	1	0	0	1	5	940	73	0	2	1,020	0	30	1,106
Naphtha-400°	315	0	315	0	92	0	95	187	249	3,405	824	28	0	4,506	7	221	5,236
Other	242	73	315	0	263	0	26	289	587	6,786	753	46	0	8,172	8	401	9,185
Total	593	92	685	0	356	0	121	477	841	11,131	1,650	74	2	13,698	15	652	15,527
Special naphthas	17	37	54	0	360	0	228	588	153	898	97	282	0	1,430	36	910	3,018
Lube oil:																	
Bright stock	60	153	213	0	2	0	42	44	0	169	35	0	0	204	0	45	506
Neutral	203	204	407	0	271	0	271	542	0	840	501	67	0	1,408	28	331	2,716
Other grades	163	13	176	0	51	0	82	133	18	1,186	60	71	0	1,335	2	115	1,761
Total	426	370	796	0	324	0	395	719	18	2,195	596	138	0	2,947	30	491	4,983
Wax	24	61	85	0	5	0	30	35	65	167	86	41	0	359	4	82	[3]565
Coke	1,064	33	1,097	20	1,954	297	977	3,248	286	1,983	1,399	65	18	1,751	371	3,122	11,589
Asphalt	2,545	131	2,676	121	3,214	671	1,366	5,372	640	815	424	768	79	2,726	894	2,252	13,920
Road oil	0	0	0	0	77	0	29	106	0	22	0	2	0	24	24	72	226
Still gas for fuel	2,048	154	2,202	0	2,848	92	1,336	4,276	518	3,570	2,442	190	67	6,787	495	3,244	17,004
Miscellaneous	144	21	165	1	163	17	110	291	437	714	1,753	30	0	2,934	19	486	3,895
Processing gain (-) or loss (+)	-2,161	-19	-2,180	+154	-1,392	-52	-916	-2,206	+57	-2,731	-3,739	-150	+35	-6,528	-265	-4,433	-15,612
Crude oil distillation units:																	
Gross input (1,000 b/d)[4]	1,245	167	1,412	57	2,025	262	959	3,303	497	2,984	1,898	184	90	5,653	482	2,450	13,3[illegible]
Capacity (1,000 b/d)[5]	1,823	209	2,032	66	2,781	323	1,135	4,305	624	4,574	2,643	271	130	8,242	614	3,125	18,318
Operating ratio[6]	68.3	79.9	69.5	86.4	72.8	81.1	84.5	76.7	79.7	65.2	71.8	67.9	69.2	68.6	78.5	78.4	72.6

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[1] Includes some Athabasca hydrocarbons.
[2] Input item "Unfractionated stream" includes "Plant condensate."
[3] Includes: microcrystalline, 144; crystalline-fully refined, 261; and crystalline-other, 160.
[4] Includes crude oil, products of natural gas processing plants, and other oils charge to crude oil distillation units during the month.
[5] Represents operable capacity at the beginning of the month.
[6] Represents gross input divided by capacity.
Source: Form EIA-87.

Table 11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals: August 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Motor gasoline:																	
Refinery	11,142	975	12,117	142	16,436	2,203	8,022	26,803	3,755	18,786	12,270	1,695	443	36,949	3,960	17,687	97,516
Bulk terminal	40,813	3,514	44,327	2,329	21,686	4,698	5,235	33,948	2,441	6,614	1,832	3,125	248	14,260	1,330	10,037	103,902
Pipeline	15,554	776	16,330	1,024	5,745	1,792	8,925	17,486	3,015	6,495	6,954	3,573	113	20,150	1,170	2,459	57,595
Total	67,509	5,265	72,774	3,495	43,867	8,693	22,182	78,237	9,211	31,895	21,056	8,393	804	71,359	6,460	30,183	259,013
Aviation gasoline:																	
Refinery	57	0	57	0	307	0	39	346	4	659	318	0	0	981	30	263	1,677
Bulk terminal	373	48	421	1	264	48	51	364	45	1	13	2	36	97	8	306	1,196
Pipeline	0	0	0	0	0	0	2	2	7	19	6	28	0	60	0	0	62
Total	430	48	478	1	571	48	92	712	56	679	337	30	36	1,138	38	569	2,935
Naphtha-type jet fuel:																	
Refinery	264	107	371	0	473	42	555	1,070	234	313	412	97	135	1,191	254	1,449	4,335
Bulk terminal	16	0	16	6	94	89	136	325	138	208	0	4	32	382	7	286	1,016
Pipeline	327	0	327	3	44	0	148	195	34	0	125	37	120	316	81	421	1,340
Total	607	107	714	9	611	131	839	1,590	406	521	537	138	287	1,889	342	2,156	6,691
Kerosene-type jet fuel:																	
Refinery	1,156	77	1,233	0	1,845	103	430	2,378	311	2,151	2,102	26	13	4,603	330	3,498	12,042
Bulk terminal	4,595	126	4,721	135	2,614	631	653	4,033	178	628	122	49	18	995	131	2,140	12,020
Pipeline	2,305	44	2,349	150	1,031	163	1,703	3,047	1,062	1,086	884	555	14	3,601	126	455	9,578
Total	8,056	247	8,303	285	5,490	897	2,786	9,458	1,551	3,865	3,108	630	45	9,199	587	6,093	33,640
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRG:																	
For fuel use	936	38	974	0	1,411	35	424	1,870	315	976	1,144	23	18	2,476	250	1,050	6,620
For chemical use	77	0	77	3	125	0	5	133	0	17	1	1	0	19	7	0	236
Total	1,013	38	1,051	3	1,536	35	429	2,003	315	993	1,145	24	18	2,495	257	1,050	6,856
Kerosene:																	
Refinery	301	163	464	68	815	18	339	1,240	43	1,422	339	10	29	1,843	53	140	3,740
Bulk terminal	4,864	402	5,266	232	1,505	96	311	2,144	25	577	30	14	0	646	31	77	8,164
Pipeline	399	0	399	116	335	4	36	491	17	51	371	61	0	500	0	37	1,427
Total	5,564	565	6,129	416	2,655	118	686	3,875	85	2,050	740	85	29	2,989	84	254	13,331
Distillate fuel oil:																	
Refinery	8,732	673	9,405	74	9,873	2,537	6,510	18,994	1,192	12,032	5,684	1,356	288	20,552	2,401	6,382	57,734
Bulk terminal	83,971	2,883	86,854	2,276	18,770	5,139	6,343	32,528	1,717	5,898	1,831	1,357	85	10,888	756	5,660	136,686
Pipeline	7,539	336	7,875	758	3,391	1,257	5,399	10,805	928	4,801	3,906	1,748	111	11,494	708	1,003	31,885
Total	100,242	3,892	104,134	3,108	32,034	8,933	18,252	62,327	3,837	22,731	11,421	4,461	484	42,934	3,865	13,045	[2] 226,305
Residual fuel oil:																	
Refinery	5,131	375	5,506	79	3,983	425	997	5,484	402	9,364	3,546	443	178	13,933	934	9,369	35,226
Bulk terminal	37,686	454	38,140	337	2,061	357	1,110	3,865	32	3,590	3,272	176	0	7,070	0	2,648	[4] 51,723
Total	42,817	829	43,646	416	6,044	782	2,107	9,349	434	12,954	6,818	619	178	21,003	934	12,017	[4] 86,949
Petrochemical feedstocks:																	
Naphtha-400°	197	0	197	0	292	0	84	376	211	2,854	730	24	0	3,819	4	228	4,624
Other	1	94	95	0	145	0	13	158	262	3,031	274	32	0	3,599	0	99	3,951
Total	198	94	292	0	437	0	97	534	473	5,885	1,004	56	0	7,418	4	327	8,575
Special naphthas:																	
Refinery	36	39	75	7	217	0	211	435	102	1,282	227	152	0	1,763	23	514	2,810
Bulk terminal	1,299	28	1,327	101	291	68	0	460	0	0	3	1	0	4	0	67	1,858
Total	1,335	67	1,402	108	508	68	211	895	102	1,282	230	153	0	1,767	23	581	4,668
Lube oil:																	
Bright stock	222	325	547	0	44	0	64	108	0	245	40	0	0	285	5	55	1,000
Neutral	764	592	1,356	0	488	0	522	1,010	0	1,352	832	64	0	2,248	50	493	5,157
Other grades	2,213	194	2,407	48	832	25	186	1,091	50	2,271	427	178	14	2,940	13	987	7,438
Total	3,199	1,111	4,310	48	1,364	25	772	2,209	50	3,868	1,299	242	14	5,473	68	1,535	[1]13,595
Wax	17	112	129	0	13	0	37	50	27	244	132	1	0	404	5	30	[3]618
Coke	916	0	916	0	1,177	318	481	1,976	6	523	333	7	0	869	483	1,510	5,754
Asphalt	4,763	564	5,327	560	5,016	2,045	1,679	9,300	394	528	1,020	952	270	3,164	1,848	2,819	[1]22,458
Road oil	0	0	0	0	232	0	15	247	0	0	0	2	0	2	9	46	304
Miscellaneous	207	38	245	0	141	16	321	478	96	530	329	51	0	1,006	0	217	[1]1,946
Unfinished oils	14,977	1,774	16,751	219	16,805	435	7,934	25,393	3,262	32,710	19,064	959	194	56,189	3,098	28,166	129,597
Refined products, total	251,850	14,751	266,601	8,668	118,501	22,544	58,920	208,633	20,305	121,258	68,573	16,803	2,359	229,298	18,105	100,598	823,235

[1] Includes bulk terminal stocks: Lubes; 3,188; Asphalt, 6,206; and Miscellaneous, 100.
[2] Includes No. 4 fuel oil: PAD District I, 2,086; PAD District II, 148; PAD District III, 510; PAD District IV, 2; PAD District V, 295.
[3] Includes microcrystalline, 114; crystalline-fully refined, 265; and crystalline-other, 239.
[4] Includes pipeline stocks: PAD District V, 71.
Note: Bulk terminal storage facilities included must have a total bulk storage

Table 12. Transportation of Petroleum Products by Pipeline.
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.)	
				1980	1979
Turned into lines:					
Gasoline:					
Motor	179,512	177,775	184,978	1,436,878	1,481,998
Aviation	364	392	503	2,488	2,930
Total	179,876	178,167	185,481	1,439,366	1,484,928
Jet fuel:					
Naphtha-type	3,638	3,325	3,746	28,069	29,221
Kerosene-type	26,457	28,363	30,177	225,937	232,382
Total	30,095	31,688	33,923	254,006	261,603
Kerosene	1,876	2,015	2,438	17,976	21,137
Distillate fuel oil	57,891	60,562	71,583	441,581	564,920
Residual fuel oil	96	96	269	1,178	1,719
Natural gas liquids	51,159	49,293	57,546	415,217	445,484
Other products	50	217	80	4,136	166
Delivered from lines:					
Gasoline:					
Motor	180,937	178,982	188,564	1,435,465	1,486,969
Aviation	363	438	511	2,387	2,708
Total	181,300	179,420	189,075	1,437,852	1,489,677
Jet fuel:					
Naphtha-type	3,589	3,306	3,912	27,833	29,342
Kerosene-type	27,183	28,319	28,940	222,762	226,908
Total	30,772	31,625	32,852	250,595	256,250
Kerosene	1,689	1,613	2,164	17,850	20,487
Distillate fuel oil	55,505	60,360	69,718	504,372	568,657
Residual fuel oil	93	112	276	1,152	1,750
Natural gas liquids	48,814	47,322	58,411	411,659	446,664
Other products	50	216	80	4,039	166
Shortage (or overage):					
Gasoline:					
Motor	(838)	(1,519)	(904)	(3,728)	(3,570)
Aviation	(1)	34	14	72	104
Total	(839)	(1,485)	(890)	(3,656)	(3,466)
Jet fuel:					
Naphtha-type	42	(5)	(54)	91	(29)
Kerosene-type	482	353	242	2,787	2,761
Total	524	348	188	2,878	2,732
Kerosene	82	61	132	678	769
Distillate fuel oil	132	(376)	(113)	(1,652)	(1,369)
Residual fuel oil	(10)	(14)	(1)	(16)	(45)
Natural gas liquids	120	(1)	(717)	1,778	1,246
Other products	0	1	0	2	0
Stocks in lines and working tanks at end of month:					
Gasoline:					
Motor	57,595	58,182	49,960	57,595	49,960
Aviation	62	60	138	62	138
Total	57,657	58,242	50,098	57,657	50,098
Jet fuel:					
Naphtha-type	1,340	1,333	1,012	1,340	1,012
Kerosene-type	9,578	10,786	8,636	9,578	8,636
Total	10,918	12,119	9,648	10,918	9,648
Kerosene	1,427	1,322	1,529	1,427	1,529
Distillate fuel oil	31,885	29,631	30,128	31,885	30,128
Residual fuel oil	71	58	14	71	14
Natural gas liquids	37,224	34,999	39,005	37,224	39,005
Other products	0	0	0	0	0

Source: Form EIA-89.

Table 13. Movements of Petroleum Products by Pipeline Between PAD Districts
(Thousand Barrels)

Item	August	July	August	January - August (Incl.)	
	1980	1980	1979	1980	1979
From PAD District 1 to PAD District 2:					
Gasoline:					
Motor	4,253	4,371	5,036	34,984	37,079
Aviation	9	6	12	43	51
Total	4,262	4,377	5,048	35,027	37,130
Jet fuel					
Naphtha-type	0	0	0	0	0
Kerosene-type	96	218	116	1,521	1,612
Total	96	218	116	1,521	1,612
Kerosene	7	0	20	195	205
Distillate fuel oil	1,244	1,431	1,278	11,090	11,351
From PAD District 2 to PAD District 1:					
Gasoline:					
Motor	1,010	469	979	6,641	7,320
Total	1,010	469	979	6,641	7,320
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	10	54	130
Distillate fuel oil	97	190	64	1,387	1,500
Natural gas liquids	817	266	496	8,223	6,354
From PAD District 2 to PAD District 3:					
Gasoline:					
Motor	1,493	1,613	1,343	12,964	11,411
Total	1,493	1,613	1,343	12,964	11,411
Jet fuel:					
Naphtha-type	0	60	54	388	479
Kerosene-type	98	20	36	397	82
Total	98	80	90	785	561
Distillate fuel oil	286	536	470	3,123	3,342
Natural gas liquids	2,056	1,977	2,000	16,263	15,062
From PAD District 2 to PAD District 4:					
Gasoline:					
Motor	1,622	1,641	1,599	11,577	12,247
Aviation	21	13	43	125	198
Total	1,643	1,654	1,642	11,702	12,445
Jet fuel:					
Kerosene-type	535	548	505	3,474	3,560
Total	535	548	505	3,474	3,560
Kerosene	8	0	0	8	0
Distillate fuel oil	376	520	268	2,124	2,317
Natural gas liquids	88	94	115	1,100	1,042
From PAD District 3 to PAD District 1:					
Gasoline:					
Motor	38,627	39,154	36,415	306,704	297,976
Aviation	26	23	34	139	186
Total	38,653	39,177	36,449	306,843	298,162
Jet fuel:					
Naphtha-type	109	110	120	977	989
Kerosene-type	5,269	5,699	5,374	42,037	42,851
Total	5,378	5,809	5,494	43,014	43,840
Kerosene	319	256	753	4,848	6,323
Distillate fuel oil	141,120	15,730	16,833	127,221	134,373
Natural gas liquids	1,845	1,063	1,624	11,611	15,313
From PAD District 3 to PAD District 2:					
Gasoline:					
Motor	6,391	6,142	7,196	45,110	48,362
Aviation	41	34	189	319	1,044
Total	6,432	6,176	7,385	45,429	49,406
Jet fuel:					
Naphtha-type	1	0	2	5	6
Kerosene-type	1,073	1,205	1,525	9,561	10,332
Total	1,074	1,205	1,527	9,566	10,338
Kerosene	91	29	105	509	1,276
Distillate fuel oil	1,524	1,625	4,037	11,677	21,075
Natural gas liquids	7,405	4,331	5,747	45,730	60,995
From PAD District 3 to PAD District 4:					
Gasoline:					
Motor	0	0	0	0	0
Aviation	0	0	0	0	0
Total	0	0	0	0	0
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Natural gas liquids	0	0	0	0	0
From PAD District 3 to PAD District 5:					
Gasoline:					
Motor	1,024	898	731	6,834	6,746
Total	1,024	898	731	6,834	6,746
Jet fuel:					
Naphtha-type	74	96	82	789	887
Kerosene-type	105	108	118	835	749
Total	179	204	200	1,624	1,636
Distillate fuel oil	385	408	435	2,903	3,096
From PAD District 4 to PAD District 2:					
Gasoline:					
Motor	479	464	441	3,312	3,498
Total	479	464	441	3,312	3,498
Jet fuel:					
Naphtha-type	17	13	30	96	168
Kerosene-type	6	9	10	60	61
Total	23	22	40	156	229
Kerosene	0	0	0	D	0
Distillate fuel oil	318	286	336	2,474	2,402
Natural gas liquids	483	501	504	3,613	3,180
From PAD District 4 to PAD District 3:					
Natural gas liquids	0	0	0	0	0
From PAD District 4 to PAD District 5:					
Gasoline:					
Motor	418	523	741	5,341	6,105
Total	418	523	741	5,341	6,105
Jet fuel:					
Naphtha-type	73	92	101	639	628
Kerosene-type	47	54	103	448	532
Total	120	146	204	1,087	1,160
Distillate fuel oil	106	67	208	1,676	1,796

Source: Form EIA-89.

Table 14 Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January August [illegible]	
				1980	1979
PAD District I to PAD District II:					
Crude oil	537	267	0	870	[illegible]
Unfinished oils	20	13	5	110	[illegible]
Gasoline:					
Motor	1,102	1,146	1,267	11,546	[illegible]
Aviation	0	0	0	0	[illegible]
Total	1,102	1,146	1,267	11,546	[illegible]
Special naphthas	0	0	0	8	[illegible]
Jet fuel:					
Naphtha-type	143	70	61	865	[illegible]
Kerosene-type	81	149	120	1,139	[illegible]
Total	224	219	181	2,004	[illegible]
Kerosene	40	29	71	394	[illegible]
Distillate fuel oil	328	583	662	4,232	2,581
Residual fuel oil	0	0	0	20	29
Lubricating oil	7	18	0	86	100
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	18	18	0	229	228
Other products	0	0	0	0	0
Total	2,276	2,293	2,186	19,499	12,171
PAD District I to PAD District III:					
Crude oil	251	230	292	2,743	2,790
Unfinished oils	115	281	0	1,452	2,992
Gasoline:					
Motor	39	196	0	648	184
Aviation	0	0	0	0	0
Total	39	196	0	648	184
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	40	0	72
Kerosene-type	0	0	0	0	0
Total	0	0	40	0	72
Kerosene	0	0	0	0	0
Distillate fuel oil	43	120	0	661	292
Residual fuel oil	2	0	0	132	213
Lubricating oil	147	612	0	1,470	260
Wax	0	10	0	21	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	129	177	0	559	0
Other products	9	9	0	342	203
Total	735	1,635	332	8,028	7,006
PAD District II to PAD District I:					
Crude oil	91	90	0	783	10
Unfinished oil	0	0	35	24	149
Gasoline:					
Motor	0	0	80	856	1,290
Aviation	0	0	0	0	0
Total	0	0	80	856	1,290
Special naphthas	0	0	0	25	55
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	238	44
Total	0	0	0	238	44
Kerosene	0	0	0	0	5
Distillate fuel oil	11	0	55	390	877
Residual fuel oil	147	175	115	1,015	1,911
Lubricating oil	26	18	3	206	231
Wax	0	0	0	16	0
Asphalt and road oil	62	42	148	147	685
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	9	8	0	91	0
Other products	0	0	16	0	33
Total	346	333	452	3,791	5,290
PAD District II to PAD District III:					
Crude oil	0	0	0	0	0
Unfinished oils	100	326	150	1,554	1,230
Gasoline:					
Motor	130	93	0	1,287	187
Aviation	0	0	0	32	0
Total	130	93	0	1,319	187
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	34	0
Total	0	0	0	34	0
Kerosene	0	0	0	0	0
Distillate fuel oil	59	185	66	1,867	612
Residual fuel oil	1,138	976	109	6,421	241
Lubricating oil	0	11	8	64	120
Wax	0	0	0	9	0
Asphalt and road oil	0	0	13	0	13
Liquefiel gases	0	0	0	0	0
Petrochemical feedstocks	13	26	0	428	98
Other products	0	0	22	370	32
Total	1,440	1,617	368	12,066	2,533

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.)	
				1980	1979
PAD District III to PAD District I:[1]					
Crude oil	352	758	782	4.171	5,162
Unfinished oils	122	923	239	3,452	2,682
Gasoline:					
Motor	10,325	11,464	13,051	95,909	121 224
Aviation	254	245	303	1,909	2,407
Total	10,579	11,709	13,354	97,818	123,631
Special naphthas	624	391	417	3,253	3,492
Jet fuel:					
Naphtha-type	1,059	333	407	4,888	3,785
Kerosene-type	3,113	3,218	3,043	26,714	24 113
Total	4,172	3,551	3,450	31,602	27,898
Kerosene	186	209	320	2,410	3,873
Distillate fuel oil	3,608	4,084	4,855	40,874	56,394
Residual fuel oil	4,346	6,934	2,600	52,768	29,619
Lubricating oil	686	728	1,309	7,625	7,446
Wax	13	16	16	150	135
Asphalt and road oil	413	326	572	2,654	2,795
Liquefied gases	34	67	0	196	385
Petrochemical feedstocks	57	125	140	1,199	1,269
Other products	317	272	142	3,548	4,095
Total	25.509	30,093	28,196	251,720	268,876
PAD District III to PAD District II:[1]					
Crude oil	1,072	875	667	8,912	3,178
Unfinished oils	0	0	123	366	144
Gasoline:					
Motor	1,843	2,045	1,532	13,186	11,664
Aviation	49	59	65	508	345
Total	1,892	2,104	1,597	13,694	12,009
Special naphthas	112	146	158	1,153	1,371
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	197	196	166	1,354	2,006
Total	197	196	166	1.354	2,006
Kerosene	0	52	37	357	385
Distillate fuel oil	177	526	428	3,384	4,527
Residual fuel oil	190	432	606	3,753	5,584
Lubricating oil	375	291	474	2,527	2,518
Wax	0	0	0	76	0
Asphalt and road oil	273	327	613	2,189	2,894
Liquefied gases	20	0	0	20	207
Petrochemical feedstocks	57	54	26	498	554
Other products	57	7	56	257	132
Total	4,422	5 010	4,951	38,540	35,509
PAD District III to PAD District V:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	232	0	0	933	680
Gasoline:					
Motor	371	0	0	634	1,171
Aviation	30	0	0	51	19
Total	401	0	0	685	1,190
Special naphthas	0	0	0	10	0
Jet fuel:					
Naphtha-type	0	0	0	487	0
Kerosene-type	464	0	0	695	1,462
Total	464	0	0	1,182	1,462
Kerosene	0	76	0	76	23
Distillate fuel oil	0	0	204	34	824
Residual fuel oil	70	0	6	332	6
Lubricating oil	278	101	5	1,476	977
Wax	0	0	0	0	0
Petrochemical feedstocks	0	0	18	0	18
Other products	0	40	0	40	19
Total	1,445	217	233	4,768	5 199
PAD District V to PAD District I:					
Crude oil	2.744	2,885	0	22,036	0
Gasoline:					
Motor	0	0	0	251	0
Aviation	0	0	0	0	0
Total	0	0	0	251	0
Special naphthas	0	0	0	0	0
Distillate fuel oil	0	0	1 607	20	10,001
Residual fuel oil	187	0	0	716	0
Lubricating oil	0	0	0	30	5
Other products	0	0	0	1	0
Total	2,931	2,885	1,607	23,054	10,006
PAD District V to PAD District III:					
Crude oil	11,123	8,413	2,815	70,990	31,187
Motor gasoline	0	0	0	0	104
Kerosene-type jet fuel	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Residual fuel oil	0	0	0	204	0
Wax	0	0	0	0	0
Lubricating oil	96	0	50	424	309
Unfinished oils	174	299	187	1,292	537
Other products	45	0	37	142	313
Total	11,438	8,712	3,089	73,052	32.450

[1] Breakdown by region shown in Table 15.

Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.) 1980	January - August (Incl.) 1979
To New England:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	0	190	0
Gasoline:					
Motor	380	420	1,890	10,169	20,118
Aviation	22	57	20	203	206
Total	402	477	1,910	10,372	20,324
Special naphthas	14	19	43	348	328
Jet fuel:					
Naphtha-type	152	0	0	259	239
Kerosene-type	262	240	339	3,321	4,869
Total	414	240	339	3,580	5,108
Kerosene	54	31	166	963	1,301
Distillate fuel oil	909	991	1,776	11,103	17,536
Residual fuel oil	565	371	407	6,856	1,461
Lubricating oil	0	4	285	793	334
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	0
Other products	0	7	3	99	63
Total	2,358	2,140	4,929	34,304	46,455
To Central Atlantic:[1]					
Crude oil	352	758	782	4,067	5,162
Unfinished oils	2	618	131	1,829	2,091
Gasoline:					
Motor	451	560	974	6,959	17,039
Aviation	55	24	104	401	499
Total	506	584	1,078	7,360	17,538
Special naphthas	530	191	228	2,141	1,981
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	89	129	142	3,582	2,692
Total	89	129	142	3,582	2,692
Kerosene	84	143	91	792	1,645
Distillate fuel oil	448	420	635	7,749	18,422
Residual fuel oil	458	1,366	769	13,683	9,528
Lubricating oil	538	552	808	5,153	5,384
Wax	13	16	16	150	135
Asphalt and road oil	24	22	35	121	183
Liquefied gases	0	0	0	0	147
Petrochemical feedstocks	38	97	122	1,047	984
Other products	155	87	102	2,116	3,427
Total	3,237	4,983	4,939	49,790	69,319
To Lower Atlantic:[1]					
Crude oil	0	0	0	104	0
Unfinished oils	120	305	108	1,433	591
Gasoline:					
Motor	9,494	10,484	10,187	78,781	84,067
Aviation	177	164	179	1,305	1,702
Total	9,671	10,648	10,366	80,086	85,769
Special naphthas	80	181	146	764	1,183
Jet fuel:					
Naphtha-type	907	333	407	4,310	3,546
Kerosene-type	2,762	2,849	2,562	20,130	16,552
Total	3,669	3,182	2,969	24,440	20,098
Kerosene	48	35	63	655	927
Distillate fuel oil	2,251	2,673	2,444	22,022	20,436
Residual fuel oil	3,323	5,197	1,424	32,229	18,630
Lubricating oil	148	172	216	1,679	1,728
Wax	0	0	0	0	0
Asphalt and road oil	389	304	537	2,533	2,612
Liquefied gases	34	67	0	196	238
Petrochemical feedstocks	19	28	18	152	285
Other products	162	178	37	1,333	605
Total	19,914	22,970	18,328	167,626	153,102

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[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

PAD District and Country of Origin	August 1980	July 1980	August 1979	January - August (Incl.)	
				1980	1979
All PAD Districts:					
Algeria	12,112	15,515	20,071	117,389	152,004
Angola	687	617	2,331	9,183	10,651
Bolivia	–	–	–	301	–
Brunei	–	–	–	348	2,295
Cameroon	1,010	–	404	8,588	3,206
Canada[1]	4,957	4,899	8,045	50,968	66,604
Congo (Brazzaville)	821	351	–	1,640	909
Ecuador	–	692	812	4,214	7,508
Egypt	683	137	1,364	9,305	8,778
Gabon	697	514	2,534	6,501	11,178
Ghana	–	–	–	300	204
Guatemala	116	138	–	515	–
Indonesia	8,055	8,544	14,424	77,141	94,848
Iran	–	–	15,755	2,625	52,877
Iraq	1,541	–	2,131	8,244	21,963
Kuwait	–	–	675	5,334	1,541
Liberia	–	–	–	–	708
Libya	12,908	15,262	19,945	135,626	162,536
Malaysia	2,800	1,235	1,019	15,170	12,658
Mexico	17,922	13,280	13,553	125,100	102,915
Netherlands	–	–	–	404	2,342
Nigeria	23,693	22,337	36,672	213,530	264,087
Norway	2,721	4,492	2,115	34,157	14,376
Oman	–	450	938	5,766	9,296
People's Republic of China	–	–	–	–	2,795
Peru	1,056	1,551	625	10,378	9,813
Qatar	437	380	750	7,054	7,358
Saudi Arabia	34,604	36,545	40,548	315,057	340,848
Spain	–	–	–	299	–
Syria	–	–	–	787	2,075
Taiwan	–	–	–	–	–
Trinidad	3,133	4,097	4,705	28,186	30,681
Tunisia	472	–	–	1,928	3,691
United Arab Emirates	4,404	4,885	7,660	51,002	70,658
United Kingdom	5,698	3,197	2,297	41,468	48,715
Venezuela	5,432	4,545	11,448	35,801	69,374
Zaire	461	346	251	3,016	1,002
Total[1]	[2]146,420	144,009	211,072	[2]1,327,325	1,590,494
To PAD District I:					
Algeria	4,073	6,949	5,116	38,046	48,003
Angola	687	–	98	2,452	2,437
Cameroon	–	–	–	944	–
Canada	178	42	230	2,085	2,152
Congo (Brazzaville)	–	–	–	–	–
Ecuador	–	–	392	383	1,737
Egypt	683	137	530	4,656	6,924
Gabon	697	–	2,417	4,727	10,631
Indonesia	1,020	1,075	1,545	6,481	6,807
Iran	–	–	4,848	–	17,701
Iraq	–	–	–	–	3,213
Kuwait	–	–	–	3,036	–
Libya	3,742	3,916	4,312	30,511	22,024
Mexico	1,524	2,302	455	11,312	1,979
Netherlands	–	–	–	403	–
Nigeria	5,467	5,031	10.145	53,911	70,598
Norway	–	100	–	6,523	1,894
Oman	–	–	299	1,925	2,617
Peru	400	389	–	3,935	1,648
Qatar	–	380	–	1,530	2,219
Saudi Arabia	10,783	12,757	9,491	97,646	89,345
Spain	–	–	–	299	–
Trinidad	425	507	653	4,043	2,058
Tunisia	–	–	–	198	1,694
United Arab Emirates	349	839	392	4,349	3,630
United Kingdom	1,441	750	–	11,058	10,244
Venezuela	2,805	2,895	7,019	19,132	38,054
Zaire	461	346	–	2,716	751
Total	34,735	38,415	47,942	312,301	348,360

[1] Includes some Athabasca hydrocarbons.

[2] Includes 0 imported into Strategic Petroleum Reserve.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

PAD District and Country of Origin	August 1980	July 1980	August 1979	January - August	
				1980	1979
To PAD District II:					
Algeria	[illegible]	[illegible]	7,151	[illegible]	13,692
Cameroon	[illegible]		404	[illegible]	1,605
Canada [1]	[illegible]	[illegible]	[illegible]	35,613	44,276
Congo (Brazzaville)	-	-			-
Ecuador	-	692	-	692	1,013
Egypt	-	-		535	-
Gabon		514	-	514	-
Ghana	-		-	50	204
Guatemala	116	138		391	-
Indonesia	-	-	-		-
Iran	-	-	6,796	1,890	17,111
Iraq	294	-	291	294	3,964
Libya	5,426	4,583	9,630	[illegible]	82,860
Malaysia	-	-	-	-	-
Mexico	6,557	5,371	3,733	40,053	29,267
Netherlands	-	-	-	-	-
Nigeria	4,703	5,205	5,392	47,175	41,897
Norway	1,876	2,260	2,016	12,883	7,379
Oman	-	450	639	3,658	5,576
Peru	-	1,162	376	2,256	4,405
Qatar	-		750	1,647	4,644
Saudi Arabia	2,987	2,347	5,418	21,551	41,070
Syria	-	-	-	-	715
Trinidad	1,328	858	1,329	8,684	5,889
Tunisia	472	-	-	900	889
United Arab Emirates	1,211	2,024	2,204	12,637	11,156
United Kingdom	2,163	353	1,000	14,866	15,283
Venezuela	463	488	1,031	3,366	5,633
Total [1]	35,745	35,229	52,191	300,345	358,528
To PAD District III:					
Algeria	3,492	3,524	7,804	46,732	67,772
Angola	-	617	2,233	5,298	7,511
Bolivia	-	-	-	301	-
Cameroon	464	-	-	2,521	1,601
Congo (Brazzaville)	821	351	-	1,640	909
Ecuador	-	-	420	2,883	4,758
Egypt	-	-	834	4,124	1,854
Gabon	-	-	117	1,260	547
Ghana	-	-	-	250	-
Guatemala	-	-	-	124	-
Indonesia	-	-	942	-	5,635
Iran	-	-	4,611	735	18,065
Iraq	1,247	-	1,840	7,950	14,786
Kuwait	-	-	675	2,298	1,541
Liberia	-	-	-	-	708
Libya	3,740	6,763	6,003	51,894	57.652
Malaysia	-	-	-	192	-
Mexico	9,841	5,607	9,365	73,735	71,669
Netherlands	-	-	-	1	2,342
Nigeria	13,108	12,101	21,135	111,916	151,592
Norway	845	2,132	99	14,436	5,103
Oman	-	-	-	183	1,103
Peru	656	-	249	3,578	1,615
Qatar	437	-	-	3,877	495
Saudi Arabia	20,483	21,317	25,639	194,404	205,862
Syria	-	-	-	787	1,360
Trinidad	1,380	2,732	2,723	15,459	22,734
Tunisia	-	-	-	830	1,108
United Arab Emirates	1,662	995	3,196	23,703	38,871
United Kingdom	2,094	2,094	1,297	15,544	23,188
Venezuela	1,780	961	2,875	11,094	23,007
Zaire	-	-	251	300	251
Total	[2]62,050	59,194	92,308	[2]598,049	733,639
To PAD District IV:					
Algeria	-	-	-	-	2,537
Canada	1,111	505	1,796	8,068	13,616
Congo (Brazzaville)	-	-	--	-	-
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
United Kingdom	-	-	-	-	-
Venezuela	-	-	-	-	-
Total	1,111	505	1,796	8,462	16,513
To PAD District V: [3]					
Algeria	-	-	-	-	-
Angola	-	-	-	1,433	703
Bolivia	-	-	-	-	-
Burnei	-	-	-	348	2,295
Canada	612	610	1,488	5,202	6,560
Ecuador	-	-	-	256	-
Egypt	-	-	-	-	-
Gabon	-	-	-	-	-
Indonesia	7,035	7,469	11,937	70,660	82,046
Iran	-	-	-	-	-
Iraq	-	-	-	-	-
Kuwait	-	-	-	-	-
Libya	-	-	-	-	-
Malaysia	2,800	1,235	1,019	14,978	12,658
Nigeria	415	-	-	415	-
Norway	-	-	-	315	-
Oman	-	-	-	-	-
Peru	-	-	-	609	2,145
Qatar	-	-	-	-	-
People's Republic of China	-	-	-	-	2,795
Saudi Arabia	351	124	-	1,430	4,571
Taiwan	-	-	-	-	-
Tunisia	-	-	-	-	-
United Arab Emirates	1,182	1,027	1,868	10,313	17,001
Venezuela	384	201	523	2,209	2,680
Total	12,779	10,666	16,835	108,168	133,454

[1] Includes some Athabasca hydrocarbons.
[2] Includes 0 imported into Strategic Petroleum Reserve.
[3] Excludes crude oil delivered into foreign trade zone.
Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.) 1980	January - August (Incl.) 1979
All Districts:					
Motor gasoline:					
Receipts from Puerto Rico	1,328	1,400	1,266	7,284	9,646
Other	[1] 3,037	3,221	3,307	28,355	34,021
Total	4,365	4,621	4,573	35,639	43,667
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	7
Total	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	[1] 475	1,322	490	8,368	4,408
Total	475	1,322	490	8,368	4,408
Kerosene-type jet fuel:					
Bonded aircraft fuel	122	287	250	2,993	1,977
Receipts from Puerto Rico	48	0	72	48	132
Other	1,418	1,276	695	9,068	10,887
Total	1,588	1,563	1,017	12,109	12,996
Ethane	1,147	1,186	1,096	12,572	13,042
Liquefied petroleum gases	3,739	4,140	5,904	35,004	39,469
Kerosene:					
Receipts from Puerto Rico	0	0	0	26	248
Other	0	216	0	2,489	1,617
Total	0	216	0	2,515	1,865
Distillate fuel oil:					
Bonded ships bunkers	10	200	0	235	5
For military offshore use	0	158	0	1,093	765
Receipts from Puerto Rico	341	310	465	4,193	4,723
No. 2 fuel oil	[1] 2,031	2,914	6,212	28,697	37,623
No. 4 fuel oil	0	56	68	828	4,170
Total	2,382	3,638	6,745	35,046	47,286
Residual fuel oil:					
Bonded ships bunkers	0	0	0	5	0
For military offshore use	30	0	0	589	200
Receipts from Puerto Rico	160	101	373	1,241	1,897
Other	[1] 26,920	24,309	31,335	218,045	285,384
Total	27,110	24,410	31,708	219,880	287,481
Petrochemical feedstocks:					
Receipts from Puerto Rico	278	161	216	1,129	1,505
Other	259	59	448	3,385	1,189
Total	537	220	664	4,514	2,694
Special naphthas:					
Receipts from Puerto Rico	0	61	0	61	0
Other	128	353	217	1,044	3,063
Total	128	414	217	1,105	3,063
Lubricants	199	259	331	1,712	2,393
Wax	0	0	0	0	0
Asphalt	209	184	331	827	954
Miscellaneous	7	8	7	253	261
Total	41,886	42,181	53,083	369,544	459,586
PAD District 1:					
Motor gasoline:					
Receipts from Puerto Rico	1,039	961	670	5,969	8,301
Other	1,989	2,933	2,499	21,638	27,640
Total	3,028	3,894	3,169	27,607	35,941
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	408	1,135	310	7,199	2,384
Total	408	1,135	310	7,199	2,384
Kerosene-type jet fuel:					
Bonded aircraft fuel	27	154	11	1,175	834
Receipts from Puerto Rico	48	0	72	48	132
Other	654	559	85	4,533	4,754
Total	729	713	168	5,756	5,720
Ethane	0	0	0	1	2
Liquefied petroleum gases	523	197	363	4,889	6,152
Kerosene:					
Receipts from Puerto Rico	0	0	0	26	248
Other	0	216	0	2,489	1,617
Total	0	216	0	2,515	1,865
Distillate fuel oil:					
Bonded ships bunkers	0	200	0	200	5
For military offshore use	0	0	0	613	263
Receipts from Puerto Rico	341	310	465	4,016	4,723
No. 2 fuel oil	1,712	2,907	5,027	27,206	35,024
No. 4 fuel oil	0	56	68	828	2,969
Total	2,053	3,473	5,560	32,863	42,984
Residual fuel oil:					
Bonded ships bunkers	0	0	0	5	0
For military offshore use	30	0	0	589	200
Receipts from Puerto Rico	160	101	373	1,241	1,897
Other	24,734	23,130	29,069	200,097	267,632
Total	24,924	23,231	29,442	201,932	269,729
Petrochemical feedstocks:					
Receipts from Puerto Rico	211	46	83	570	789
Other	2	0	79	2,131	281
Total	213	46	162	2,701	1,070
Special naphthas	17	15	2	109	849
Lubricants	122	191	263	1,390	1,792
Wax	0	0	0	0	0
Asphalt	209	184	331	827	954
Miscellaneous	2	2	0	133	147
Total	32,228	33,297	39,770	287,922	369,589
PAD District II:					
Motor gasoline	86	73	60	834	585
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	27	27	0	107	0
Total	27	27	0	107	0
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	91	0
Total	0	0	0	91	0
Ethane	1,147	1,186	1,096	12,571	13,040
Liquefied petroleum gases	1,224	2,971	2,109	19,635	21,294
Kerosene	0	0	0	0	0
Distillate fuel oil:					
No. 2 fuel oil	0	0	6	0	38
No. 4 fuel oil	0	0	0	0	0
Total	0	0	6	0	38
Residual fuel oil[2]	928	601	1,281	6,724	9,866
Petrochemical feedstocks	9	12	13	118	438
Special naphthas	92	163	12	646	217
Lubricants	0	0	1	14	47
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	5	6	7	119	64
Total	3,518	5,039	4,585	40,859	45,589

[1] Includes receipts form the Virgin Islands: District 1: Motor gasoline, 1,800; Naphtha-type jet fuel, 128; Distillate No. 2 fuel oil, 1,712; Residual fuel oil, 4,181.

[2] Includes crude oil for direct burning as fuel: Current month, 195.

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District—Continued
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.) 1980	January - August (Incl.) 1979
PAD District III:					
Motor gasoline:					
Receipts from Puerto Rico	123	0	95	508	1,144
Other	202	0	544	2,152	2,031
Total	325	0	639	2,660	3,175
Aviation gasoline	0	0	0	0	[illegible]
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	0	0	219
Total	0	0	0	0	219
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	[illegible]	0	0	0
Other	114	[illegible]	68	1,303	352
Total	114	357	68	1,303	352
Liquefied petroleum gases	1,266	464	2,859	4,918	5,919
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	177	0
No. 2 fuel oil	150	0	997	658	1,135
Total	150	0	997	835	1,135
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	598	398	0	4,201	504
Total	598	398	0	4,201	504
Petrochemical feedstocks:					
Receipts from Puerto Rico	67	115	133	559	716
Other	248	0	356	735	427
Total	315	115	489	1,294	1,143
Special naphthas:					
Receipts from Puerto Rico	0	61	0	61	0
Other	0	0	203	13	1,565
Total	0	61	203	74	1,565
Lubricants	0	68	67	166	281
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	1	25
Total	2,769	1,463	5,322	15,452	14,318
PAD District IV:					
Motor gasoline	0	0	16	44	138
Aviation gasoline	0	0	0	0	0
Liquefied petroleum gases	313	224	283	2,587	2,812
Distillate fuel oil	0	0	0	0	4
Residual fuel oil	0	0	0	0	0
Special naphthas	0	0	0	2	0
Lubricants	0	0	0	1	0
Total	313	224	299	2,634	2,954
PAD District V:					
Motor gasoline:					
Receipts from Puerto Rico	166	439	201	807	201
Other	760	215	488	3,687	3,627
Total	926	654	689	4,494	3,828
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	40	160	180	1,062	1,812
Total	40	160	180	1,062	1,812
Kerosene-type jet fuel:					
Bonded aircraft fuel	95	133	239	1,818	1,143
Other	649	360	542	3,141	5,781
Total	744	493	781	4,959	6,924
Liquefied petroleum gases	413	284	290	2,975	3,292
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	10	0	0	35	0
For military offshore use	0	158	0	480	502
No. 2 fuel oil	169	7	182	833	1,422
No. 4 fuel oil	0	0	0	0	1,201
Total	179	165	182	1,348	3,125
Residual fuel oil:					
Bonded ships bunker	0	0	0	0	0
For military offshore use	0	0	0	0	0
Other	660	180	985	7,023	7,382
Total	660	180	985	7,023	7,382
Petrochemical feedstocks	0	47	0	401	43
Special naphthas	19	175	0	274	432
Lubricants	77	0	0	141	273
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	0	25
Total	3,058	2,158	3,107	22,677	27,136

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.) 1980	January - August (Incl.) 1979
Plant condensate:					
PAD District I	14	0	0	14	0
PAD District II	0	0	0	0	110
PAD District III	61	0	0	61	0
PAD District IV	184	157	270	2,038	2,408
PAD District V	0	20	71	423	664
Total	259	177	341	2,536	3,182
Unfinished oils:					
PAD District I	[1]322	759	286	8,127	5,154
PAD District II	34	2	0	188	335
PAD District III	0	178	488	4,869	3,651
PAD District IV	0	0	0	0	0
PAD District V	255	124	1,018	2,325	2,346
Total	611	1,063	1,792	15,509	11,486

[1] Includes receipts from Puerto Rico: 322.

Sources: Form ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation: August 1980
(Thousand Barrels)

State and District	Crude Oil Input to Refineries	Refinery Fuel Use and Losses	Refinery Receipts of Domestic Crude Oil								Refinery Receipts of Foreign Crude	
					Intrastate			Interstate				
			Total Receipts	Daily Average	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tankers and Barges
PAD District I:												
Delaware, Maryland	4,598	0	0	0	0	0	0	0	0	0	0	4,567
Fla., Ga., Va., N.C.	2,285	0	4,484	145	0	0	34	0	46	0	0	1,972
New Jersey, Rhode Is.	17,041	1	0	0	0	0	0	0	0	3,769	0	14,315
New York, New Hamp.	2,371	0	82	2	0	0	0	1,549	0	0	682	287
Pennsylvania: East	13,333	0	0	0	0	0	0	0	0	316	0	13,202
West	2,198	0	287	10	166	101	0	867	420	135	395	0
West Virginia	656	0	209	7	194	3	0	235	56	82	0	0
Total	[1]42,482	1	5,062	164	360	104	34	2,651	522	4,302	1,077	34,343
PAD District II:												
Illinois	27,397	0	2,511	81	1,053	1	0	13,955	1	0	12,600	0
Indiana	10,549	0	2,718	88	228	1	0	7,091	2	0	3,401	0
Kansas	11,862	0	5,691	183	4,136	285	0	5,443	0	0	2,004	0
Kentucky, Tennessee	7,113	17	298	10	8	175	0	1,587	66	1,266	3,824	355
Michigan	3,143	84	2,481	80	1,644	152	0	1,040	0	0	214	0
Minnesota, Wisconsin	6,221	0	0	0	0	0	0	1,083	0	0	5,085	16
Missouri, Nebraska	2,409	0	267	9	3	0	0	2,427	0	0	0	0
N. and S. Dakota	1,701	0	2,840	91	1,577	12	0	95	0	0	0	0
Ohio: East	1,559	0	1,059	34	98	0	0	611	0	0	885	0
West	[2]13,086	0	0	0	0	0	0	6,921	0	0	[2]6,135	0
Oklahoma	15,134	9	11,997	387	6,845	643	0	5,117	0	0	2,650	0
Total	100,179	110	29,862	963	15,592	1,269	0	45,370	69	1,266	36,798	371
PAD District III:												
Alabama	3,220	5	1,970	64	1,669	43	7	603	58	0	191	552
Arkansas	1,156	0	1,302	42	1,050	38	0	25	0	0	0	0
Louisiana	48,296	57	39,640	1,278	18,177	1,105	4,760	3,864	208	4,827	970	17,575
Mississippi	10,472	0	3,030	98	1,171	147	0	2,537	53	337	109	6,417
New Mexico	2,722	0	5,542	179	1,477	816	0	73	32	0	146	0
Texas	105,024	6	80,373	2,593	56,329	1,852	2,265	4,371	0	5,798	689	36,513
Total	170,890	68	131,857	4,254	79,873	4,001	7,032	11,473	351	10,962	2,105	61,057
PAD District IV:												
Colorado	1,021	0	2,811	91	124	232	0	592	0	0	0	0
Montana	3,990	0	1,913	62	490	147	0	1,711	5	0	1,552	0
Utah	4,013	1	1,648	53	865	491	0	2,440	144	0	0	0
Wyoming	5,327	0	12,916	416	5,137	117	0	13	33	0	0	0
Total	14,351	1	19,288	622	6,616	987	0	4,756	182	0	1,552	0
PAD District V:												
California	60,525	43	29,495	951	24,849	2,183	1,836	256	0	22,563	0	7,711
Washington	10,419	0	0	0	0	0	0	0	0	6,725	611	3,272
Other States[3]	4,510	12	44,026	1,420	901	75	1,203	0	104	1,123	0	680
Total	75,454	55	73,521	2,371	25,750	2,258	3,039	256	104	30,411	611	11,663
United States, total	403,356	235	259,590	8,374	128,191	8,619	10,105	64,506	1,228	46,941	[4]42,143	107,434
Daily average	13,011	8	8,374	X	4,135	278	326	2,081	40	1,514	1,359	3,466

[1] Includes 22,046 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: August 1980
(Thousand Barrels)

Location of refineries receiving crude oil	Total receipts of domestic crude oil	Intra-state Receipts	Interstate Receipts from																		
			PAD Dist. I, Total	PAD District II						PAD District III					PAD District IV					PAD Dist. V, Total	United States Total
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
PAD District I:																					
Delaware, Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla., Ga., Va.	80	34	0	0	0	0	0	0	0	27	19	0	0	46	0	0	0	0	0	0	46
New Jersey	3,769	0	0	0	0	0	0	0	0	0	580	0	0	580	0	0	0	0	0	3,189	3,769
New York, New Hamp.	1,549	0	0	487	0	0	0	0	487	0	753	0	309	1,062	0	0	0	0	0	0	1,549
Pennsylvania: East	316	0	0	0	0	0	0	0	0	0	14	0	302	316	0	0	0	0	0	0	316
West	1,689	267	91	107	0	578	438	184	1,307	0	0	0	0	0	0	24	0	0	24	0	1,422
West Virginia	570	197	0	0	0	373	0	0	373	0	0	0	0	0	0	0	0	0	0	0	373
Total	7,973	498	91	594	0	951	438	184	2,167	27	1,366	0	611	2,004	0	24	0	0	24	3,189	7,47
PAD District II:																					
Illinois	15,010	1,054	2,576	1	249	0	234	516	1,000	24	4,517	1,751	2,246	8,538	0	307	0	919	1,226	616	13.956
Indiana	7,322	229	20	383	765	52	12	1,376	2,588	116	259	799	725	1,899	485	685	0	1,416	2.586	0	7,093
Kansas	9,864	4,421	0	0	0	0	16	1,783	1,799	0	0	0	2,245	2,245	194	78	0	793	1,065	334	5.443
Kentucky, Tennessee	3,102	183	418	529	0	73	0	0	602	143	1,756	0	0	1,899	0	0	0	0	0	0	2,919
Michigan	2,836	1,796	0	0	0	0	0	0	0	0	110	0	0	110	0	0	0	930	930	0	1.040
Minnesota, Wisconsin	1,083	0	0	0	0	0	813	0	813	0	0	0	183	183	0	87	0	0	87	0	1.083
Missouri, Nebraska	2,430	3	0	0	0	0	0	49	49	0	0	0	2,171	2,171	0	0	0	207	207	0	2,427
North Dakota	1,684	1,589	0	0	0	0	0	0	0	0	0	0	0	0	0	95	0	0	95	0	95
Ohio: East	709	98	0	45	0	0	0	0	45	0	566	0	0	566	0	0	0	0	0	0	61
West	6,921	0	0	591	0	0	0	0	591	44	1,696	0	4,223	5,963	0	0	0	367	367	0	6,92
Oklahoma	12,605	7,488	0	0	65	0	0	0	65	0	0	28	4,938	4,966	0	0	0	0	0	86	5.117
Total	63,566	16.861	3,014	1,549	1,079	125	1,075	3,724	7,552	327	8,904	2,578	16,731	28,540	679	1,252	0	4,632	6.563	1,036	46.70
PAD District III:																					
Alabama	2,380	1,719	167	0	0	0	0	0	0	494	0	0	0	494	0	0	0	0	0	0	66
Arkansas	1,113	1,088	0	0	0	0	0	0	0	0	25	0	0	25	0	0	0	0	0	0	25
Louisiana	32,941	24,042	1,292	0	0	0	0	0	0	1,043	0	0	2,504	3,547	0	0	0	0	0	4.060	8,899
Mississippi	4,245	1,318	0	0	0	0	0	0	0	2	2,921	0	4	2,927	0	0	0	0	0	0	2,927
New Mexico	2,398	2,293	0	0	0	0	0	0	0	0	0	0	77	77	13	0	15	0	28	0	105
Texas	70,615	60,446	0	2,488	191	0	0	601	3,280	284	2,382	671	0	3,337	68	0	121	0	189	3,363	10,169
Total	113,692	90,906	1,459	2,488	191	0	0	601	3,280	1,823	5,328	671	2,585	10,407	81	0	136	0	217	7,423	22.786
PAD District IV:																					
Colorado	948	356	0	0	0	0	0	0	0	0	0	0	0	0	0	0	109	478	587	5	592
Montana	2,353	637	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,716	1,716	0	1,716
Utah	3,940	1,356	0	0	0	0	0	0	0	0	0	0	0	0	1,651	0	0	836	2,487	97	2,584
Wyoming	5,300	5.254	0	0	0	0	2	0	2	0	0	0	0	0	44	0	0	0	44	0	46
Total	12,541	7,603	0	0	0	0	2	0	2	0	0	0	0	0	1,695	0	109	3,030	4,834	102	4,938
PAD District V:																					
California	51,687	28,868	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22,819	22.819
Other States	10,131	2,179	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	47	7.905	7,952
Total	61,818	31,047	0	0	0	0	0	0	0	0	0	0	0	0	0	0	47	0	47	30,724	30,771
United States, total	259,590	146,915	[1]4,564	4,631	1,270	1,076	1,515	4,509	13,001	2,177	15,598	3,249	19,927	40,951	2,455	1.276	292	7,662	11,685	[2]42,474	112.675
Daily average	8,374	4,739	147	149	41	35	49	145	419	70	503	105	643	1,321	79	41	9	247	377	1.370	3.63

[1] Florida, 4,450; New York, 82; Virginia, 0; Pennsylvania, 20; West Virginia, 12.
[2] Alaska, 41,745; Arizona, 0; California, 627; Nevada, 102.
Source: Form EIA-87.

Table 21. Production of Natural Gas Plant Liquids in the United States: August 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other products	Total[2]
	Ethane	Propane	Fthane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total				
PAD District I:												
East Coast	303	256	0	0	0	171	0	427	113	0	0	843
Appalachian No. 1	126	72	0	11	22	0	0	105	25	171	0	427
Total	429	328	0	11	22	171	0	532	138	171	0	1,270
PAD District II:												
Appalachian No. 2	0	0	0	0	0	0	0	0	0	0	0	0
Ind., Ill., etc.	450	494	0	40	87	2	0	623	88	671	1	1,833
Minn., Wisc., etc.	0	91	0	13	30	0	0	134	50	32	0	216
Okla., Kans., etc.	1,504	2,189	73	401	1,001	110	0	3,774	1,177	216	7	6,678
Total	1,954	2,774	73	454	1,118	112	0	4,531	1,315	919	8	8,727
PAD District III:												
Texas Inland	986	3,008	1,756	732	993	426	36	6,951	2,766	7,321	305	18,329
Texas Gulf	2,336	3,632	2,676	1,025	2,054	63	3	9,453	622	-9,510	5	2,906
Louisiana Gulf	2,385	2,278	451	834	807	67	198	4,635	1,621	-509	304	8,436
Ark., La. Inland, etc.	47	150	0	133	182	15	8	488	106	260	16	917
New Mexico	88	520	109	84	157	105	0	975	357	2,396	2	3,818
Total	5,842	9,588	4,992	2,808	4,193	676	245	22,502	5,472	-42	632	34,406
PAD District IV, total	1	422	0	5	76	128	1	632	325	982	16	1,956
PAD District V, total	0	141	0	26	46	0	37	250	300	27	0	577
United States, total	8,226	13,253	5,065	3,304	5,455	1,087	283	28,447	7,550	2,057	656	46,936

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: August 31, 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural gasoline & iso-pentane	Unfrac-tionated stream[1]	Other prod-ucts	Total	Stocks of NGL at refineries	
	Ethane	Propane	Ethane-propane mix	Iso-butane	Normal butane	Other butanes	Butane-propane mix	Total					LPG	Other
PAD District I:														
East Coast	0	1,022	0	0	49	47	0	1,118	5	0	0	1,123	0	13
Appalachian No. 1	0	3,351	0	47	127	0	0	3,525	15	0	0	3,540	0	0
Total	0	4,373	0	47	176	47	0	4,643	20	0	0	4,663	0	13
PAD District II:														
Appalachian No. 2	0	62	0	0	0	0	0	62	0	0	0	62	327	0
Ind., Ill., etc.	22	3,966	0	444	1,104	1	1	5,516	30	100	1	5,669	94	34
Minn., Wisc., etc.	974	771	0	2	21	0	360	1,154	8	3	0	2,139	67	214
Okla., Kans., etc.	1,034	22,641	2,844	1,419	6,535	68	152	33,659	2,029	1,268	2	37,992	641	172
Total	2,030	27,440	2,844	1,865	7,660	69	513	40,391	2,067	1,371	3	45,862	1,129	420
PAD District III:														
Texas Inland	779	5,042	251	489	1,783	384	696	8,645	1,234	1,449	280	12,387	119	33
Texas Gulf	1,177	15,011	9,689	3,691	14,693	1,376	25	44,485	5,835	2,638	2	54,137	1,232	88
Louisiana Gulf	414	5,444	0	1,940	4,301	8	948	12,641	1,854	125	106	15,140	568	133
Ark., La. Inland, etc.	1	6,338	0	7	619	454	1	7,419	15	93	18	7,546	9	92
New Mexico	3	426	46	48	39	17	1	627	215	525	1	1,371	5	29
Total	2,374	32,261	9,986	6,175	21,485	2,239	1,671	73,817	9,153	4,830	407	90,581	1,933	375
PAD District IV, total	0	198	0	3	110	38	0	349	177	25	3	554	78	66
PAD District V, total	0	459	0	361	146	129	5	1,100	17	2	0	1,119	49	18
United States, total	4,404	64,731	12,830	8,451	29,577	2,522	2,189	120,300	11,434	6,228	413	142,779	3,189	892

[1] Includes plant condensate.

Sources: Forms EIA-64, 87, and 89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: August 1980
(Thousand Barrels)

	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
Item	East Coast	Appa-lachian #1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc. etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Natural gas plant products:																	
Refinery input:																	
Propane	0	0	0	0	70	1	0	71	0	26	191	0	0	217	3	0	291
Butane:																	
Isobutane	16	8	24	72	921	37	571	1,601	253	448	1,208	106	18	2,033	67	227	3,952
Normal butane	0	6	6	58	157	37	291	543	114	150	61	29	4	358	3	87	997
Other	0	0	0	0	29	83	163	275	68	66	50	0	0	184	178	240	877
Total	16	14	30	130	1,107	157	1,025	2,419	435	664	1,319	135	22	2,575	248	554	5,826
Butane-propane mix	0	0	0	0	5	0	0	5	0	100	0	0	10	110	0	46	161
Natural gasoline	0	10	10	0	546	130	819	1,495	551	1,481	859	196	106	3,193	176	309	5,183
Unfractionated stream[1]	0	2	2	0	89	0	40	129	48	868	103	261	0	1,280	46	0	1,457
Total	16	26	42	130	1,817	288	1,884	4,119	1,034	3,139	2,472	592	138	7,375	473	909	12,918
* Stocks at refineries																	
Propane	0	0	0	0	16	0	0	16	0	120	49	0	0	169	15	0	200
Butane:																	
Isobutane	0	0	0	38	44	32	197	311	89	259	174	9	5	536	15	42	904
Normal butane	0	0	0	289	33	19	421	762	23	853	292	0	0	1,168	2	7	1,939
Other	0	0	0	0	0	16	23	39	7	0	49	0	0	56	46	0	141
Total	0	0	0	327	77	67	641	1,112	119	1,112	515	9	5	1,760	63	49	2,984
Butane-propane mix	0	0	0	0	1	0	0	1	0	0	4	0	0	4	0	0	5
Natural gasoline	13	0	13	0	31	214	172	417	31	27	128	22	29	237	17	18	702
Unfractionated stream[1]	0	0	0	0	3	0	0	3	2	61	5	70	0	138	49	0	190
Total	13	0	13	327	128	281	813	1,549	152	1,320	701	101	34	2,308	144	67	4,081
Liquefied refinery gases:																	
Refinery output:																	
Propane and/or propylene:																	
Petrochemical	292	0	292	35	205	0	39	279	0	968	116	0	0	1,084	4	241	1,900
Other	781	106	887	0	1,347	158	518	2,023	189	969	1,000	53	19	2,230	107	818	6,065
Total	1,073	106	1,179	35	1,552	158	557	2,302	189	1,937	1,116	53	19	3,314	111	1,059	7,965
Butane and/or butylene:																	
Petrochemical	114	0	114	0	0	0	1	1	0	203	87	21	0	311	2	6	434
Other	154	57	211	0	61	20	28	109	69	164	114	8	21	376	68	367	1,131
Total	268	57	325	0	61	20	29	110	69	367	201	29	21	687	70	373	1,565
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	2
Other	6	0	6	0	0	2	0	2	4	17	256	1	16	294	1	114	417
Total	6	0	6	0	0	2	0	2	4	18	257	1	16	296	1	114	419
Total	1,347	163	1,510	35	1,613	180	586	2,414	268	2.334	1,574	83	56	4,315	187	1,546	9,972
Isobutane	0	0	0	0	0	0	0	0	6	12	0	0	0	18	5	0	23
* Stocks at refineries																	
Propane and/or propylene:																	
Petrochemical	77	0	77	3	125	0	5	133	0	6	0	0	0	6	1	0	217
Other	917	33	950	0	1,203	30	344	1,577	106	818	1,099	4	3	2,030	97	260	4,914
Total	994	33	1,027	3	1,328	30	349	1,710	106	824	1,099	4	3	2,036	98	260	5,131
Butane and/or butylene:																	
Petrochemical	0	0	0	0	0	0	0	0	0	4	0	1	0	5	1	0	6
Other	19	5	24	0	208	5	75	288	209	42	43	19	15	328	152	576	1,368
Total	19	5	24	0	208	5	75	288	209	46	43	20	15	333	153	576	1,374
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Other	0	0	0	0	0	0	5	5	0	116	2	0	0	118	1	214	338
Total	0	0	0	0	0	0	5	5	0	116	3	0	0	119	1	214	339
Total	1,013	38	1,051	3	1,536	35	429	2,003	315	993	1,145	24	18	2,495	257	1,050	6,856
Isobutane	0	0	0	0	0	0	0	0	0	7	0	0	0	7	5	0	12

[1] Includes plant condensate.
*Stocks as of August 31, 1980.
Sources: Forms EIA-87 and 64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, The Virgin Islands, and the Pacific Territories, by P.A.D. District (Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.)	
				1980	1979
All Districts:					
Crude oil[1]	2,412	7,367	7,592	65,386	60,331
Motor gasoline[2]	31	99	21	231	115
Jet fuel:					
Naphtha-type	0	0	0	20	1
Kerosene-type	40	52	23	390	153
Total	40	52	23	410	154
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	218	223	211	2,476	1,836
Butane	311	318	167	2,634	1,673
Total	529	541	378	5,110	3,509
Kerosene	0	4	3	10	15
Distillate fuel oil	1	86	5	1,225	1,004
Residual fuel oil	50	1,860	448	4,846	2,022
Petrochemical feedstocks	763	980	960	6,986	7,414
Special naphthas	44	444	448	1,282	1,445
Lubricants	622	759	622	6,243	5,363
Wax	64	102	59	509	452
Coke	5,220	4,086	3,847	34,687	34,312
Asphalt	75	41	28	181	116
Miscellaneous products	23	12	20	117	108
Total	9,874	16,433	14,454	127,224	116,360
District I:					
Crude oil	214	212	131	1,453	984
Motor gasoline	2	2	1	9	6
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	0	1
Ethane	(s)	(s)	0	(s)	0
Liquefied fuel:					
Propane	19	19	18	171	133
Butane	21	23	26	188	169
Total	40	42	44	359	302
Kerosene	0	1	0	3	4
Distillate fuel oil	(s)	1	1	9	5
Residual fuel oil	0	178	0	253	3
Petrochemical feedstocks	58	50	50	391	322
Special naphthas	4	3	3	28	29
Lubricants	109	286	199	1,582	1,352
Wax	5	4	12	47	68
Coke	555	319	291	3,376	1,828
Asphalt	3	2	22	19	48
Miscellaneous products	16	11	13	98	84
Total	1,006	1,111	767	7,627	5,036
District II:					
Crude oil	974	2,671	1,230	21,332	17,963
Motor gasoline	1	0	3	2	4
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Liquefied gases:					
Propane	(s)	4	24	121	51
Butane	10	15	13	252	55
Total	10	19	37	373	106
Kerosene	0	(s)	1	(s)	1
Distillate fuel oil	0	(s)	3	2	9
Residual fuel oil	0	0	0	0	56
Petrochemical feedstocks	51	53	49	480	341
Special naphthas	(s)	2	5	12	15
Lubricants	20	16	17	147	131
Wax	(s)	1	2	8	13
Coke	437	444	554	2,346	2,663
Asphalt	60	34	1	113	12
Miscellaneous products	(s)	(s)	1	(s)	2
Total	1,553	3,240	1,903	24,815	21,316

[1] Exports of crude oil are prohibited under normal circumstances, Some crude oil is shipped to Canada in exchange, on a barrel-for-barrels basis, for an equal quantity and quality of crude oil for efficiencies of transporation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[2] Exports of "Aviation gasoline" are included with "Motor gasoline."

(s) Less than 500 barrels.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, The Virgin Islands, and the Pacific Territories, by P.A.D. District - Continued (Thousand Barrels)

Item	August 1980	July 1980	August 1979	January - August (Incl.) 1980	January - August (Incl.) 1979
District III:					
Crude oil	0	0	0	3,327	0
Motor gasoline	(s)	0	0	(s)	0
Jet fuel:					
Naphtha-type	0	0	0	20	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	20	1
Ethane	0	(s)	0	(s)	0
Liquefied gases:					
Propane	152	136	84	1,462	868
Butane	213	196	117	1,824	1,358
Total	365	332	201	3,286	2,226
Kerosene	0	0	0	2	3
Distillate fuel oil	1	(s)	1	1,111	1
Residual fuel oil	(s)	805	0	2,916	0
Petrochemical feedstocks	539	725	851	5,347	5,142
Special naphthas	38	435	437	1,216	1,382
Lubricants	411	386	347	3,788	3,342
Wax	52	89	40	398	322
Coke	1,247	1,516	1,597	12,779	13,752
Asphalt	9	2	1	26	14
Miscellaneous products	5	1	6	17	22
Total	2,667	4,291	3,481	34,233	26,207
District IV:					
Crude oil	0	1	117	328	559
Liquefied gases:					
Propane	0	0	0	0	2
Butane	0	0	0	0	2
Total	0	0	0	0	4
Kerosene	0	0	0	0	0
Petrochemical feedstocks	1	1	0	5	1
Special naphthas	0	0	0	0	0
Lubricants	(s)	2	1	10	6
Coke	0	0	0	0	0
Asphalt	1	1	1	4	5
Miscellaneous products	0	0	0	0	0
Total	2	5	119	347	575
District V:					
Crude oil	1,224	4,483	6,114	38,946	40,825
Motor gasoline	28	97	17	220	105
Jet fuel:					
Naphtha-type	0	0	0	0	1
Kerosene-type	40	52	23	390	151
Total	40	52	23	390	152
Ethane	(s)	0	0	1	0
Liquefied gases:					
Propane	47	64	85	722	782
Butane	67	84	11	370	89
Total	114	148	96	1,092	871
Kerosene	0	3	2	5	7
Distillate fuel oil	(s)	85	0	103	989
Residual fuel oil	50	877	448	1,677	1,963
Petrochemical feestocks	114	151	10	763	1,608
Special naphthas	2	4	3	26	19
Lubricants	82	69	58	716	532
Wax	7	8	5	56	49
Coke	2,981	1,807	1,405	16,186	16,069
Asphalt	2	2	3	19	37
Miscellaneous products	2	(s)	0	2	0
Total	4,646	7,786	8,184	60,202	63,226

(s) Less than 500 barrels.
Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

Appendix: Revisions to Data for January through April 1980

Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

	January		February		March		April	
	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.
ther Sources:								
Used directly & losses	946	31	888	31	920	30	860	29
Unaccounted for	+3,135	+101	+5,043	+174	13,394	-432	+2,155	+72
Total other source	-12,342	-398	-3,882	-134	-14,408	-465	-16,315	-544
Crude input to refineries (13) = (3) + (7) + (12)	443,246	14,298	411,468	14,189	424,985	13,709	404,509	13,484
al production of refined products (25) = (13) + (17) + (24)	525,719	16,959	482,565	16,640	491,978	15,870	465,933	15,531
al new supply of products (29) = (25) + (28)	576,049	18,582	528,983	18,241	535,930	17,288	499,397	16,647
al products supplied for domestic se (31) = (29) + (30)	578,325	18,656	545,638	18,815	538,939	17,385	501,706	16,724
ther	93,688	3,022	84,628	2,918	87,044	2,808	87,787	2,926
otal products supplied (38) = (32) through (37)	578,325	18,656	545,638	18,815	538,939	17,385	501,706	16,724

Comparative Supply and Disposition Statistics
(Thousand Barrels)

	January		February		March		April	
	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.
asoline:								
tion	9,303	300	8,013	276	8,744	282	8,500	283
t refineries	5,254	169	4,448	153	4,064	131	4,529	151
ed for domestic use	4,730	153	2,803	97	3,384	109	3,276	109
onated Stream (including ondensate):								
tion	1,223	39	1,725	59	825	27	1,785	60
t refineries	2,038	66	1,656	57	1,596	51	1,814	60

Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

	January		February		March		April	
	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.	Total	Daily Av.
ted for	+3,135	+101	+5,043	+174	-13,394	432	+2,155	+72
ion by use								
ry inputs, domestic crude	249,560	8,050	235,331	8,115	251,196	8,103	248,588	8,286
	473	15	441	15	455	15	435	15
	453,827	14,640	421,338	14,529	435,914	14,062	411,857	13,729

Table 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns

District	January	February	March	April
Texas Gulf:				
Total gasoline[1]	39.4	39.5	40.2	39.6
Special naphthas	1.3	1.2	1.4	1.1
Kerosene	1.8	2.4	1.8	2.2
Distillate fuel oil	17.1	16.2	15.1	14.5
Residual fuel oil	10.3	10.9	9.0	10.7
Total jet fuel	6.4	6.0	7.0	6.2
All other products[2]	23.7	23.8	25.5	25.7
West Coast:				
Total gasoline[1]	41.6	41.4	39.4	41.7
Special naphthas	0.5	0.4	0.8	0.3
Kerosene	0.4	0.3	0.2	0.3
Distillate fuel oil	13.8	12.8	13.5	13.0
Residual fuel oil	23.9	24.9	23.6	22.7
Total jet fuel	11.2	12.0	12.1	11.2
All other products[2]	8.6	8.2	10.4	10.8
United States, total:				
Total gasoline[1]	43.8	44.4	44.7	44.0
Special naphthas	0.7	0.7	0.8	0.7
Kerosene	1.3	1.3	1.1	1.1
Distillate fuel oil	20.7	19.4	18.8	18.5
Residual fuel oil	12.1	12.4	11.6	12.0
Total jet fuel	6.9	7.2	7.6	7.7
All other products[2]	14.5	14.6	15.4	16.0

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

Table 10. Refinery Input and Output
(Thousand Barrels)

Item	January	February	March	April
Input				
Crude Petroleum:				
Texas Gulf	103,115	100,525	99,977	97,114
PAD District III, Total	195,482	181,335	185,403	182,939
PAD District V, Total	72,594	67,397	72,942	70,662
United States, Total	443,246	411,468	424,985	404,509
Domestic Crude Petroleum, Total:				
Texas Gulf	49,568	51,375	55,551	56,217
PAD District III, Total	109,682	103,407	112,055	115,174
PAD District V, Total	58,448	52,610	58,285	55,816
United States, Total	249,560	235,331	251,196	248,588
Crude and Unfin. Rerun, Total:				
Texas Gulf	104,011	99,144	99,035	95,509
PAD District III, Total	198,814	181,978	184,468	179,711
PAD District V, Total	72,915	67,699	71,729	69,229
United States, Total	452,028	414,637	422,051	398,823
Natural Gas Liquids, Total:				
Texas Gulf	5,239	4,208	3,624	3,684
PAD District III, Total	9,041	7,491	6,605	7,025
PAD District V, Total	978	1,048	813	774
United States, Total	16,972	13.857	12,783	12,004
Natural Gasoline, Total:				
Texas Gulf	2,258	1,924	1,562	1,801
PAD District III, Total	3,481	3,084	2,631	3,309
PAD District V, Total	246	299	256	254
United States,Total	5,922	4,916	4,643	5,046
Unfractionated Stream, Total:				
Texas Gulf	1,334	967	926	1,143
PAD District III, Total	1,791	1,419	1,359	1,603
PAD District V, Total	48	47	34	21
United States, Total	2,038	1,656	1,596	1,814

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation
(Thousand Barrels)

Item	January	February	March	April
Texas:				
Crude Oil Input to Refineries	116,908	112,364	112,927	110,054
By State of Origin of Domestic Crude	82,019	77,463	85,511	79,328
Intrastate Pipelines	48,591	49,178	53,542	50,576
PAD District III, Total:				
Crude Oil Input to Refineries	195,482	181,335	185,403	182,939
By State of Origin of Domestic Crude	135,804	129,109	136,777	133,949
Intrastate Pipelines	71,987	71,292	76,938	76,423
California:				
Crude Oil Input to Refineries	59,048	55,047	59,368	56,411
By State of Origin of Domestic Crude	27,391	25,717	26,540	26,646
Intrastate Pipelines	23,351	22,604	22,397	22,474
PAD District V, Total:				
Crude Oil Input to Refineries	72,594	67,397	72,942	70,662
By State of Origin of Domestic Crude	69,521	65,999	68,473	68,287
Intrastate Pipelines	25,303	23,360	23,207	23,052
United States, Total:				
Crude Oil Input to Refineries	443,246	411,468	424,985	404,509
By State of Origin of Domestic Crude	255,486	241,733	252,814	248,851
Intrastate Pipelines	120,360	116,103	123,085	120,205

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts
(Thousand Barrels)

Item	January	February	March	April
Texas:				
Total Receipts of Domestic Crude Oil	63,483	64,976	66,922	66,726
Intrastate Receipts	51,582	52,003	56,534	53,532
PAD District III, Total:				
Total Receipts of Domestic Crude Oil	109,745	108,221	111,376	114,331
Intrastate Receipts	83,270	82,239	88,177	87,425
California:				
Total Receipts of Domestic Crude Oil	51,568	47,619	50,694	48,220
Intrastate Receipts	27,180	25,486	26,282	26,246
PAD District V, Total:				
Total Receipts of Domestic Crude Oil	60,706	54,709	59,160	56,720
Intrastate Receipts	29,229	27,108	27,955	27,978
United States, Total:				
Total Receipts of Domestic Crude Oil	255,486	241,733	252,814	248,851
Intrastate Receipts	137,495	132,869	141,350	138,454

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

September 1980

Production of crude petroleum (including lease condensate) in the United States during September averaged 8,619,000 barrels per day, an increase of 197,000 barrels per day above the August level, reports the Energy Information Administration, United States Department of Energy. Compared with September of last year, this represented an increase of 96,000 barrels per day, or 1.1 percent. Imports of crude oil for the month of September averaged 4,707,000 barrels per day, representing a decrease of 16,000 barrels per day below the August 1980 level and a decrease of 1,719,000 barrels per day, or 26.8 percent below the amount reported for September 1979. There were 1,617,000 barrels of crude oil imported into the Strategic Petroleum Reserve during September 1980. Stocks of crude oil at the end of September totaled 468,813,000 barrels as compared with 478,796,000 barrels at the end of the previous month and 415,128,000 barrels at the end of September 1979. At the end of September, stocks of crude oil in the Strategic Petroleum Reserve amounted to 92,824,000 barrels.

The average gross input to crude oil distillation units during September was 13,597,000 barrels per day. This figure reflects an increase of 297,000 barrels per day, or 2.2 percent above that reported for August 1980 and a decrease of 1,308,000 barrels per day, or 8.8 percent below the September 1979 level. The operating ratio of refineries in the United States during September averaged 74.1 percent of the total operable crude oil distillation capacity. This compares with 72.6 percent in August 1980 and 83.8 percent in September 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,358,000 barrels per day for September, 18,318,000 barrels per day for August 1980, and 17,775,000 barrels per day for September 1979.

Production of products at natural gas processing plants during September averaged 1,510,000 barrels per day, compared with 1,514,000 barrels per day for the previous month and 1,565,000 barrels per day during September 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of September totaled 144,522,000 barrels. This was 1.7 million barrels above the stocks of August 31, 1980 and 12.1 million barrels above those at the end of September 1979.

Total disposition of primary supply of all oils in September averaged 17,119,000 barrels per day. It included 16,548,000 barrels per day of products supplied for domestic use, crude oil exports of 322,000 barrels per day, refined products exports of 235,000 barrels per day, and crude oil losses of 14,000 barrels per day. Compared with September of last year, total products supplied for domestic use decreased by 852,000 barrels per day, or 4.9 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 39, 16, and 14 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 570.8 for September 1980, compared with 566.3 for August 1980, and 422.1 for September 1979, reports the Bureau of Labor Statistics publication, "Producer Price Indexes--September 1980." The unadjusted producer price index for refined products was 695.5 for September 1980, compared with 697.5 for August 1980, and 513.6 for September 1979.

Note: Throughout this publication, the United States is defined as the 50 states and the District of Columbia. The Hawaiian Foreign Trade Zone is not included.

Prepared February 18, 1981 in the Office of Oil and Gas Statistics.

Released for printing: March 4, 1981

TABLES

1. Supply, Disposition, and Stocks of All Oils 3
2. Comparative Supply and Disposition Statistics 4-7
3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District 8
4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State 8
5. Production of Lease Condensate by State 9
6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States 9
7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District 9
8. Stocks of Crude Oil by State of Origin and Location 10
9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns 10
10. Refinery Input and Output 11
11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals 12
12. Transportation of Petroleum Products by Pipeline 13
13. Movements of Petroleum Products by Pipeline Between PAD Districts .. 14
14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products 15-16
15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region 17
16. Imports of Foreign Crude Oil 18-19
17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District 20-21
18. Imports of Plant Condensate and Unfinished Oils 21
19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation 22
20. Refinery Receipts of Domestic Crude Oil, by States and PAD Districts 23
21. Production of Natural Gas Plant Liquids in the United States 24
22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States 25
23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product 26
24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District 27-28

ble 1. Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

em		September 1980		August 1980		Sept. 1979	January - Sept. (Incl.)	
		Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
	Crude oil and lease condensate:							
	Production:							
1)	Alaska	48,303	1,610	49,974	1,612	1,436	445,982	369,987
2)	Lower 48 states	210,277	7,009	211,103	6,810	7,088	1,914,093	1,954,229
3)	Total U.S.	258,580	8,619	261,077	8,422	8,523	2,360,075	2,324,186
	Imports:							
4)	Imports (gross excl. SPR)[2]	139,604	4,653	146,420	4,723	6,426	1,466,929	1,758,826
5)	SPR imports	1,617	54	0	0	0	1,617	24,434
6)	Exports[3]	-9,647	-322	-2,412	-78	-175	-75,033	-65,572
7)	Imports (net including SPR)	131,574	4,386	144,008	4,645	6,251	1,393,513	1,717,688
	Other sources:							
8)	SPR withdrawals (plus) or additions (minus)	-1,633	-54	0	0	0	-1,633	-24,329
9)	Other stock withdrawals (plus) or additions (minus)	+11,616	+387	-8,325	-269	-99	-36,909	-14,518
10)	Used directly & losses	-784	-26	-881	-28	-27	-7,953	-8,234
11)	Unaccounted for[4]	-3	(s)	+7,477	+241	-53	+14,837	+7,195
12)	Total other source	+9,196	+307	-1,729	-56	-180	-31,658	-39,886
13)	Crude input to refineries (13) = (3) + (7) + (12)	399,350	13,312	403,356	13,011	14,594	3,721,930	4,001,988
	Natural gas plant liquids (NGPL):							
14)	Production	45,307	1,510	46,936	1,514	1,565	430,476	427,533
15)	Imports	289	10	259	8	10	2,825	3,494
16)	Stock withdrawals (plus) or additions (minus)	+951	+32	-646	-21	+23	-3,314	-1,882
17)	Total NGPL Supply	46,547	1,552	46,549	1,502	1,598	429,987	429,145
	Other liquids:							
	Unfinished oils:							
18)	Imports	1,051	35	611	20	46	16,560	12,873
19)	Stock withdrawals (plus) or additions (minus)	-2,480	-83	+2,041	+66	-62	-14,425	-5,042
20)	Net reruns, input (plus) output (minus)	-1,429	-48	+2,652	+86	-15	+2,135	+7,831
21)	Other hydrocarbons	1,478	49	1,242	40	54	13,562	10,996
22)	Refinery processing gain	20,357	679	15,612	504	584	163,419	138,991
23)	Crude used directly	355	12	448	14	12	3,962	3,962
24)	Total other liquids (24) = (20) + (21) + (22) + (23)	20,761	692	19,954	644	635	183,078	161,780
25)	Total production of refined products (25) = (13) + (17) + (24)	466,658	15,555	469,859	15,157	16,827	4,334,995	4,592,913
	Refined product imports:							
26)	Imports (gross)	42,918	1,431	41,886	1,351	1,541	412,462	505,811
27)	Exports[3]	-7,056	-235	-7,462	-241	-239	-68,894	-63,200
28)	Imports (net)	35,862	1,195	34,424	1,110	1,302	343,568	442,611
(29)	Total new supply of products (29) = (25) + (28)	502,520	16,751	504,283	16,267	18,129	4,678,563	5,035,524
(30)	Refined products stock withdrawn (plus) or added (minus)	-6,082	-203	-16,735	-540	-729	-48,301	+22,140
(31)	Total products supplied for domestic use (31) = (29) + (30)	496,438	16,548	487,548	15,727	17,400	4,630,262	5,057,664
	Major refined products supplied:							
(32)	Motor gasoline	195,331	6,511	206,020	6,646	6,881	1,808,815	1,937,570
(33)	Distillate fuel oil	77,695	2,590	66,206	2,136	2,647	757,620	899,415
(34)	Residual fuel oil	70,812	2,360	70,896	2,287	2,609	685,440	774,992
(35)	Jet fuel, total	31,669	1,056	32,322	1,043	1,099	294,509	293,722
(36)	Liquefied gases	30,130	1,004	26,488	854	1,082	290,432	327,567
(37)	Other	90,801	3,027	85,616	2,762	3,082	793,446	824,398
(38)	Total products supplied (38) = (32) through (37)	496,438	16,548	487,548	15,727	17,400	4,630,262	5,057,664
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	375,989	--	387,605	--	*323,939	--	--
(40)	Strategic petroleum reserve (SPR)	92,824	--	91,191	--	*91,189	--	--
(41)	Unfinished oils	132,077	--	129,597	--	*113,773	--	--
(42)	Natural gasoline[5] and unfractionated stream[6]	17,603	--	18,554	--	*13,005	--	--
(43)	Refined products	828,026	--	821,944	--	*766,896	--	--
(44)	Total	1,446,519	--	1,448,891	--	*1,308,802	--	--

Daily Average columns may not add due to independent rounding.

Imports of crude oil include some Athabasca hydrocarbons.

Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition
f crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number
ignifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by
dding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Includes isopentane.

Includes plant condensate.

*Stocks: 1,000 barrels.

ources: Forms ERA-60, ERA-182, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, EIA-90, and EIA-170; Bureau of Census publications IM 145,
M 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

Item	September 1980		August 1980		September 1979	January - September (Incl	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Gross input to crude oil distillation units	407,901	13,597	412,286	13,300	14,905	3,809,412	4,081,414
Isopentane							
Production	780	26	927	30	27	6,482	7,167
Stocks at plants	962	--	1,007	--	*289	962	289
Used at refineries	825	28	807	26	28	5,827	7,042
Supplied for domestic use	0	0	0	0	0	1	0
Natural Gasoline							
Production	8,099	270	6,623	214	277	73,466	70,041
Stocks:							
At refineries	587	--	702	--	*767	587	767
At plants	10,235	--	10,427	--	*7,666	10,235	7,666
Total	10,822	--	11,129	--	*8,433	10,822	8,433
Imports	0	0	0	0	0	0	0
Used at refineries	4,788	160	4,376	141	172	42,267	49,593
Supplied for domestic use	3,618	121	2,567	83	113	29,935	18,763
Unfractionated Stream (Including Plant Condensate)							
Production	537	18	2,057	66	31	13,191	14,579
Stocks:							
At refineries	332	--	190	--	*460	332	460
At plants	5,487	--	6,228	--	*3,823	5,487	3,823
Total	5,819	--	6,418	--	*4,283	5,819	4,283
Imports	289	10	259	8	10	2,825	3,494
Used at refineries	1,416	47	1,457	47	56	14,535	17,897
Supplied for domestic use	9	(s)	13	(s)	(s)	85	104
Total Finished Gasoline							
Production:							
At refineries	191,960	6,399	200,894	6,480	6,675	1,796,365	1,887,156
At gas processing plants	454	15	467	15	19	4,584	4,716
Totsl	192,414	6,414	201,361	6,496	6,695	1,800,949	1,891,872
Stocks:							
At refineries	260,780	--	261,948	--	*232,042	260,780	232,042
At plants	250	--	237	--	*234	250	234
Total	261,030	--	262,185	--	*232,276	261,030	232,276
Imports	3,176	106	4,365	141	135	38,815	47,720
Exports	201	7	31	1	(s)	432	121
Supplied for domestic use	196,544	6,551	207,274	6,686	6,928	1,818,642	1,948,197
Motor Gasoline							
Production:							
At refineries	191,071	6,369	199,547	6,437	6,626	1,786,963	1,877,596
At gas processing plants	422	14	444	14	15	4,147	3,951
Total	191,493	6,383	199,991	6,451	6,641	1,791,110	1,881,547
Stocks:							
At refineries	258,135	--	259,013	--	*229,542	258,135	229,542
At plants	164	--	149	--	*120	164	120
Total	258,299	--	259,162	--	*229,662	258,299	229,662
Imports	3,176	106	4,365	141	135	38,815	47,713
Exports	201	7	31	1	(s)	432	121
Supplied for domestic use	195,331	6,511	206,020	6,646	6,881	1,808,815	1,937,570
Aviation Gasoline							
Production:							
At refineries	889	30	1,347	43	50	9,402	9,560
At gas processing plants	32	1	23	1	4	437	765
Total	921	31	1,370	44	54	9,839	10,325
Stocks:							
At refineries	2,645	--	2,935	--	*2,500	2,645	2,500
At plants	86	--	88	--	*114	86	114
Total	2,731	--	3,023	--	*2,614	2,731	2,614
Imports	0	0	0	0	(s)	0	7
Supplied for domestic use	1,213	40	1,254	40	47	9,827	10,627
Total Jet Fuel							
Production	31,222	1,041	29,728	959	958	275,806	272,713
Stocks	42,159	--	40,331	--	*32,420	42,159	32,420
Imports	2,299	77	2,063	67	84	22,776	19,933
Exports	24	1	40	1	1	434	169
Supplied for domestic use	31,669	1,056	32,322	1,043	1,099	294,509	293,722
Naphths-Type Jet Fuel							
Production:							
At refineries	5,814	194	6,504	210	171	51,145	47,451
At gas processing plants	0	0	0	0	0	0	0
Total	5,814	194	6,504	210	171	51,145	47,451
Stocks:							
At refineries	6,620	--	6,691	--	*4,693	6,620	4,693
At plants	0	--	0	--	*0	0	0
Total	6,620	--	6,691	--	*4,693	6,620	4,693
Imports	765	26	475	15	15	9,133	4,853
Exports	0	0	0	0	0	20	1
Supplied for domestic use	6,650	222	6,964	225	191	59,232	53,568
Kerosane-Type Jet Fuel							
Production	25,408	847	23,224	749	787	224,661	225,262
Stocks	35,539	--	33,640	--	*27,727	35,539	27,727
Imports	1,534	51	1,588	51	69	13,643	15,080
Exports	24	1	40	1	1	414	168
Supplied for domestic use	25,019	834	25,358	818	908	235,277	240,154

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition - Continued
(Thousand Barrels)

Item	September 1980		August 1980		September 1979	January - September (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Ethane (Including Ethylene)							
Production:							
At refineries	151	5	50	2	7	1,489	2,138
At gas processing plants	8,092	270	8,226	265	276	76,442	77,961
Total	8,243	275	8,276	267	283	77,931	80,099
Stocks:							
At refineries	0	--	0	--	*0	0	0
At plants	4,372	--	4,404	--	*6,089	4,372	6,089
Total	4,372	--	4,404	--	*6,089	4,372	6,089
Imports	1,239	41	1,147	37	21	13,811	13,680
Exports	0	0	0	0	0	1	0
Supplied for domestic use:							
Refinery ethane/ethylene	151	5	50	2	7	1,489	2,138
Plant ethane	9,363	312	8,945	289	300	91,637	92,400
Total	9,514	317	8,995	290	307	93,126	94,538
Total Liquefied Gases							
Production:							
At refineries (LRG):							
For fuel use	6,773	226	7,613	246	227	65,372	63,220
For chemical use	2,508	84	2,359	76	89	24,277	28,518
Total	9,281	309	9,972	322	316	89,649	91,738
At gas processing plants (LPG)	27,131	904	28,447	918	925	254,283	250,889
Total	36,412	1,214	38,419	1,239	1,242	343,932	342,627
Stocks:							
LRG:							
For fuel use	6,069	--	6,620	--	*6,631	6,069	6,631
For chemical use	200	--	236	--	*203	200	203
Total	6,269	--	6,856	--	*6,834	6,269	6,834
LPG:							
At refineries	3,471	--	3,189	--	*3,116	3,471	3,116
At plants	122,990	--	120,300	--	*114,203	122,990	114,203
Total	126,461	--	123,489	--	*117,319	126,461	117,319
Total	132,730	--	130,345	--	*124,153	132,730	124,153
Imports	3,519	117	3,739	121	163	38,523	44,364
Exports	564	19	529	17	9	5,674	3,788
LPG used at refineries	6,852	228	6,278	203	194	58,751	60,740
Supplied for domestic use:							
LRG for fuel use	7,324	244	7,131	230	223	65,179	63,734
LRG for chemical use	2,544	85	2,364	76	90	24,201	28,583
LPG for fuel and chemical use	20,262	675	16,993	548	770	201,052	235,250
Total	30,130	1,004	26,488	854	1,082	290,432	327,567
Propane (Including Propylene)							
Production:							
At refineries:							
For fuel use	5,450	182	6,065	196	189	53,432	51,391
For chemical use	2,112	70	1,900	61	68	19,831	22,521
Total	7,562	252	7,965	257	256	73,263	73,912
At gas processing plants	12,530	418	13,253	428	431	118,120	121,858
Total	20,092	670	21,218	684	687	191,383	195,770
Stocks:							
Refinery propane/propylene:							
For fuel use	4,370	--	4,914	--	*4,700	4,370	4,700
For chemical use	177	--	217	--	*175	177	175
Total	4,547	--	5,131	--	*4,875	4,547	4,875
Plant propane:							
At refineries	322	--	200	--	*314	322	314
At plants	67,302	--	64,731	--	*71,133	67,302	71,133
Total	67,624	--	64,931	--	*71,447	67,624	71,447
Total	72,171	--	70,062	--	*76,322	72,171	76,322
Imports	1,681	56	1,439	46	92	16,251	22,313
Exports	250	8	218	7	5	2,726	1,974
Plant propane used at refineries	252	8	291	9	17	3,553	3,756
Supplied for domestic use:							
Refinery propane/propylene:							
For fuel use	5,994	200	5,662	183	185	53,099	51,605
For chemical use	2,152	72	1,906	61	68	19,761	22,583
Total	8,146	272	7,568	244	253	72,860	74,188
Plant propane	11,016	367	10,789	348	486	120,117	147,777
Total	19,162	639	18,357	592	739	192,977	221,965
Butane (Including Butylene)							
Production:							
At refineries:							
For fuel use	924	31	1,131	36	31	9,099	9,581
For chemical use	316	11	434	14	17	3,675	4,086
Total	1,240	41	1,565	50	47	12,774	13,667
At gas processing plants	6,298	210	6,542	211	226	56,668	56,722
Total	7,538	251	8,107	262	273	69,442	70,389
Stocks:							
Refinery butane/butylene:							
For fuel use	1,353	--	1,368	--	*1,586	1,353	1,586
For chemical use	6	--	6	--	*16	6	16
Total	1,359	--	1,374	--	*1,602	1,359	1,602
Plant butane:							
At refineries	2,204	--	2,080	--	*1,925	2,204	1,925
At plants	32,033	--	32,099	--	*27,186	32,033	27,186
Total	34,237	--	34,179	--	*29,111	34,237	29,111
Total	35,596	--	35,553	--	*30,713	35,596	30,713
Imports	1,126	38	1,040	34	58	14,400	15,445
Exports	314	10	311	10	5	2,948	1,814
Plant butane used at refineries	2,777	93	1,874	60	98	24,971	27,377
Supplied for domestic use:							
Refinery butane/butylene:							
For fuel use	939	31	1,087	35	32	9,250	10,084
For chemical use	316	11	435	14	17	3,676	4,088
Total	1,255	42	1,522	49	48	12,926	14,172
Plant butane	4,275	142	2,641	85	125	32,681	35,170
Total	5,530	184	4,163	134	173	45,607	49,342

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.

Table 2. Comparative Supply Disposition Statistics - Continued

Item	September 1980		August 1980		September 1979	January - September (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
			Butane-Propane Mixture				
Production:							
At refineries:							
For fuel use	399	13	417	13	7	2,841	2,248
For chemical use	3	(s)	2	(s)	0	76	362
Total	402	13	419	14	7	2,917	2,610
At gas processing plants	83	3	283	9	3	996	853
Total	485	16	702	23	10	3,913	3,463
Stocks:							
Refinery butane-propane mixture:							
For fuel use	346	--	338	--	*345	346	345
For chemical use	1	--	1	--	*0	1	0
Total	347	--	339	—	*345	347	345
Plant butane-propane mixture:							
At refineries	8	--	5	--	*5	8	5
At plants	2,388	--	2,189	--	*1,541	2,388	1,541
Total	2,396	--	2,194	--	*1,546	2,396	1,546
Total	2,743	--	2,533	--	*1,891	2,743	1,891
Imports	712	24	1,260	41	14	7,872	6,606
Plant butane-propane mixture used at refineries	186	6	161	5	4	1,822	1,828
Supplied for domestic use:							
Refinery butane-propane mixture:							
For fuel use	391	13	382	12	7	2,830	2,045
For chemical use	3	(s)	4	(s)	0	76	364
Total	394	13	386	12	7	2,906	2,409
Plant butane-propane mixture	407	14	972	31	5	6,032	5,518
Total	801	27	1,358	44	11	8,938	7,927
			Ethane-Propane Mixtur				
Production	4,940	165	5,065	163	156	50,111	43,233
Stocks	13,206	--	12,830	--	*6,376	13,206	6,376
Imports	0	0	0	0	0	0	0
Supplied for domestic use	4,564	152	2,591	84	154	42,222	46,785
			Isobutane				
Production:							
At refineries	77	3	23	1	5	695	1,549
At gas processing plants	3,280	109	3,304	107	110	28,388	28,223
Total	3,357	112	3,327	107	115	29,083	29,772
Stocks:							
Refinery isobutane	16	--	12	--	*12	16	12
Plant isobutane:							
At refineries	937	--	904	--	*872	937	872
At plants	8,061	--	8,451	--	*7,967	8,061	7,967
Total	8,998	--	9,355	--	*8,839	8,998	8,839
Total	9,014	--	9,367	--	*8,851	9,014	8,851
Plant isobutane used at refineries	3,637	121	3,952	127	75	28,405	27,779
Supplied for domestic use:							
Refinery isobutane for chemical use	73	2	19	1	5	688	1,548
			Kerosene (Including Range Oil)				
Production:							
At refineries	3,551	118	3,318	107	172	37,317	49,912
At gas processing plants	3	(s)	2	(s)	(s)	26	31
Total	3,554	118	3,320	107	172	37,343	49,943
Stocks:							
At refineries	12,943	--	13,331	--	*14,636	12,943	14,636
At plants	2	--	2	--	*2	2	2
Total	12,945	--	13,333	--	*14,638	12,945	14,638
Imports	0	0	0	0	2	2,515	1,914
Exports	11	(s)	0	0	(s)	21	16
Supplied for domestic use	3,931	131	4,279	138	160	42,716	51,533
			Distillate Fuel Oil				
Production:							
At refineries	80,603	2,687	76,312	2,462	3,354	723,839	852,805
At gas processing plants	14	(s)	13	(s)	(s)	128	126
Total	80,617	2,687	76,325	2,462	3,355	723,967	852,931
Crude used directly as distillate	49	2	47	2	2	410	410
Stocks:							
At refineries:							
No. 4 fuel oil	3,562	--	3,041	--	*3,527	3,562	3,527
Other	228,748	--	223,264	--	*216,850	228,748	216,850
Total	232,310	--	226,305	--	*220,377	232,310	220,377
At plants	17	--	25	--	*13	17	13
Total	232,327	--	226,330	--	*220,390	232,327	220,390
Imports	3,028	101	2,382	77	126	38,074	51,051
Exports	2	(s)	1	(s)	1	1,227	1,049
Supplied for domestic use	77,695	2,590	66,206	2,136	2,647	757,620	899,415
			Residual Fuel Oil				
Production	44,903	1,497	44,779	1,444	1,627	432,341	454,270
Crude used directly as residual	306	10	401	13	10	3,552	3,552
Stocks	87,876	--	86,949	--	*87,789	87,876	87,789
Imports	[2]27,173	906	27,110	875	979	247,053	316,859
Exports	643	21	50	2	2	5,489	2,094
Supplied for domestic use	70,812	2,360	70,896	2,287	2,609	685,440	774,992
			Petrochemical Feedstocks[3]				
Production	17,134	571	15,527	501	696	196,051	185,429
Stocks	8,612	--	8,575	--	*3,908	8,612	3,908
Imports:							
Naphtha-400	0	0	0	0	0	0	0
Other	1,374	46	537	17	8	5,888	2,938
Total	1,374	46	537	17	8	5,838	2,938
Exports:							
Naphtha-400	195	6	163	5	5	1,518	1,243
Other	684	23	600	19	22	6,347	6,991
Total	879	29	763	25	27	7,865	8,234
Supplied for domestic use:							
Still gas	1,265	42	1,106	36	36	11,745	9,538
Naphtha-400	6,762	225	4,961	160	256	65,348	64,193
Other	9,565	319	8,997	290	370	112,364	106,936
Total	17,592	586	15,064	486	662	189,457	180,667

[1] Daily Average columns may not add due to independent rounding.

[2] Includes foreign crude oil to be burned as fuel: 261.

[3] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are excluded and are included with data under items "Ethane" and "Liquefied gases."

*Stocks: 1,000 barrels.

(s) Less than 500 barrels per day.

2. Comparative Supply and Disposition Statistics - Continued
(Thousand Barrels)

	September 1980		August 1980		September 1979	January - September (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Special Napthas							
tion:							
efineries	2,421	81	3,018	97	105	26,212	25,848
as processing plants	111	4	102	3	4	1,057	1,070
	2,532	84	3,120	101	109	27,269	26,918
s:							
efineries	4,927	--	4,668	--	*3,966	4,927	3,966
lants	149	--	128	--	*92	149	92
	5,076	--	4,796	--	*4,058	5,076	4,058
ts	631	21	128	4	6	1,736	3,243
ts	9	(s)	44	1	2	1,291	1,492
ied for domestic use	2,874	96	3,288	106	97	26,896	28,734
Lubricants							
tion	5,381	179	4,983	161	177	49,385	52,977
s	13,732	--	13,595	--	*11,791	13,732	11,791
ts	213	7	199	6	10	1,925	2,692
ts:							
ase	31	1	20	1	1	184	199
	551	18	602	19	23	6,641	5,867
	582	19	622	20	23	6,825	6,066
ied for domestic use	4,875	162	4,298	139	160	43,302	50,045
Wax[2]							
ction	518	17	565	18	18	4,668	5,150
s	552	--	618	--	*710	552	710
ts	0	0	0	0	0	0	0
ts	55	2	64	2	6	564	618
ied for domestic use	529	18	454	15	12	4,283	4,581
Coke[3]							
ction:							
ketable coke	6,078	203	6,381	206	208	56,912	55,906
alyst coke	5,141	171	5,208	168	165	44,972	46,996
	11,219	374	11,589	374	373	101,884	102,902
s	5,211	--	5,754	--	*7,021	5,211	7,021
ts	4,032	134	5,220	168	166	38,719	39,307
ied for domestic use	7,730	258	6,450	208	237	63,164	67,642
Asphalt[4]							
ction	13,821	46_	13,920	449	549	108,508	126,276
s	19,052	--	22,458	--	*18,592	19,052	18,592
ts	146	5	209	7	6	973	1,149
ts	31	1	75	2	(s)	212	123
ied for domestic use	17,342	578	17,843	576	651	109,258	129,599
Road Oil							
ction	336	11	226	7	4	1,977	1,315
s	336	--	304	--	*132	336	132
ied for domestic use	304	10	403	13	7	1,985	1,411
Still Gas for Fuel							
ction	16,744	558	17,004	549	540	149,612	154,748
Miscellaneous Products							
ction:							
refineries	4,392	146	3,895	126	96	27,323	29,701
gas processing plants	86	3	72	2	4	817	953
l	4,478	149	3,967	128	100	28,140	30,654
ks:							
refineries	1,958	--	1,946	--	*2,894	1,958	2,894
plants	58	--	21	--	*35	58	35
l	2,016	--	1,967	--	*2,929	2,016	2,929
rts	120	4	7	(s)	(s)	373	268
rts	23	1	23	1	1	140	123
lied for domestic use	4,526	151	3,704	119	89	29,799	31,406
Unfinished Oils (Net)							
t (plus) Output (minus)	-1,429	-48	+2,652	+86	-15	+2,135	+7,831
ks	132,077	--	129,597	--	*113,773	132,077	113,773
rts	1,051	35	611	20	46	16,560	12,873

ly Average columns do not add due to independent rounding.
wax, 1 barrel = 280 pounds.
coke, 5 barrels = 1 short ton.
Asphalt, 5.5 barrels = 1 short ton.
ck: 1,000 barrels.

(s) Less than 500 barrels per day.

: "Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and products pipeline companies (including pipeline), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a l bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.

ces: Forms ERA-60, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, and EIA-90; Bureau of Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District[1]
(Thousand Barrels)

State and PAD District	September 1980		August 1980	September	January - September (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
PAD District I:						
Florida	3,476	115.9	119.1	3,801	32,000	35,660
New York	E66	2.2	2.2	74	638	633
Pennsylvania	E218	7.3	7.3	259	2,808	2,219
Virginia	0	0.0	0.0	0	0	4
West Virginia	E198	6.6	6.6	215	1,650	1,768
Total	E3,958	131.9	135.2	4,349	37,096	40,284
PAD District II:						
Illinois	1,868	62.3	61.0	1,851	17,063	16,178
Indiana	E383	12.8	12.8	452	3,452	3,573
Kansas	5,146	171.6	159.8	4,741	44,772	42,348
Kentucky	526	17.5	16.0	441	4,367	4,069
Michigan	E2,760	92.0	92.4	3,096	24,722	25,867
Missouri	E6	0.2	0.2	7	53	70
Nebraska	535	17.8	17.7	510	4,684	4,569
North Dakota	3,453	115.1	110.4	2,647	29,692	22,410
Ohio	1,001	33.4	33.4	973	9,447	9,086
Oklahoma	14,860	495.3	384.5	12,166	112,591	107,099
South Dakota	64	2.1	1.9	74	601	644
Tennessee	73	2.4	2.1	57	532	463
Total	E30,675	1,022.5	892.0	27,015	251,976	236,376
PAD District III:						
Alabama	1,910	63.7	65.3	1,294	16,152	14,047
Arkansas	1,455	48.5	48.6	1,582	13,646	14,118
Louisiana:						
Gulf Coast	34,976	1,165.9	1,076.5	35,894	328,718	339,850
Rest of State	2,455	81.8	89.9	2,695	24,425	23,644
Total	37,431	1,247.7	1,166.4	38,589	353,143	363,494
Mississippi	2,903	96.8	105.6	2,917	27,847	27,842
New Mexico:						
Southeastern	5,480	182.7	181.7	6,051	52,298	54,774
Northwestern	462	15.4	16.0	549	4,573	4,515
Total	5,942	198.1	197.7	6,600	56,871	59,289
Texas:						
District 01	1,553	51.8	50.7	1,506	14,395	14,297
District 02	3,769	125.6	119.6	4,235	35,844	40,047
District 03	10,342	344.7	347.8	10,237	94,173	97,798
District 04	2,451	81.7	72.4	2,533	22,802	23,008
District 05	778	25.9	28.0	920	8,008	8,948
District 06, except East Texas	3,800	126.7	129.5	4,325	37,486	40,332
East Texas	4,795	159.8	158.9	4,928	44,055	45,287
District 07B	2,228	74.3	78.6	2,319	21,249	21,147
District 07C	2,476	82.5	84.4	2,534	23,490	22,681
District 08	19,727	657.6	652.9	20,417	180,856	186,552
District 08A	22,661	755.4	756.7	24,338	210,684	226,807
District 09	2,703	90.1	91.1	2,713	25,209	24,655
District 10	1,553	51.8	49.7	1,513	14,069	14,161
Total	78,836	2,627.9	2,620.5	82,518	732,320	765,720
Total	128,477	4,282.6	4,204.1	133,500	1,199,979	1,244,510
PAD District IV:						
Colorado	2,457	81.9	84.9	2,526	22,222	24,366
Montana	2,263	75.4	79.6	2,545	22,077	22,126
Utah	1,914	63.8	66.4	2,376	18,904	20,815
Wyoming	E10,833	361.1	361.1	11,433	96,088	101,122
Total	E17,467	582.2	592.0	18,880	159,291	168,429
PAD District V:						
Alaska[3]	48,303	1,610.1	1,612.1	43,065	445,982	369,957
Arizona	29	1.0	1.1	37	313	346
California:						
South	6,673	222.4	226.1	7,152	62,468	66,505
Central Coastal	4,794	159.8	161.2	4,930	43,542	45,374
East Central	18,075	602.5	593.8	16,647	158,470	151,272
North	17	0.6	0.6	18	156	183
Total	29,559	985.3	981.7	28,747	264,636	263,334
Nevada	E112	3.7	3.7	100	802	950
Total	E78,003	2,600.1	2,598.5	71,949	711,733	634,587
United States, total	E258,580	8,619.3	8,421.8	255,693	2,360,075	2,324,186
Pennsylvania Grade (included above)	1,143	38.1	46.5	1,200	11,601	10,708

[1] Includes offshore production.
[2] Daily Average columns may not add due to independent rounding.
[3] North Slope Production: Current month, 45,515; year-to-date, 419,814.
E=estimate.
Sources: ERA-182, State Conservation Agencies, and the U.S. Geological Survey.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State[1]
(Thousand Barrels)

State	September 1980		August 1980	September	January - September (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
Alaska[3]	2,489	83.0	85.6	3,003	24,532	29,606
California:						
Federal	834	27.8	28.2	893	7,557	8,269
State	3,183	106.1	107.6	3,420	30,172	31,381
Total	4,017	133.9	135.8	4,313	37,729	39,650
Louisiana:						
Federal	20,599	686.6	604.2	20,468	193,213	192,320
State	2,301	76.7	71.0	2,145	20,799	22,166
Total	22,900	763.3	675.2	22,613	214,012	214,486
Texas:						
Federal	984	32.8	24.2	256	5,932	2,301
State	143	4.8	4.3	216	1,531	1,937
Total	1,127	37.6	28.5	472	7,463	4,238
United States, total	30,533	1,017.8	925.0	30,401	283,736	287,980

[1] These production data are included in Table 3.
[2] Daily Average columns may not add due to independent rounding.
[3] All offshore production within State boundaries.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State[1]
(Thousand Barrels)

State	September 1980		August 1980	September 1979	January - September (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
Alabama	1,081	36.0	38.3	581	8,834	6,237
California	16	0.5	0.6	17	152	160
Louisiana	5,655	188.5	181.7	6,094	54,998	55,847
Mississippi	E383	12.8	13.9	180	1,707	1,410
New Mexico	419	14.0	13.5	434	4,006	3,585
Oklahoma	862	28.7	14.8	547	5,313	4,583
Texas	3,094	103.1	97.5	2,977	28,054	27,689
Total	E11,510	383.7	360.2	10,830	103,064	99,511

[1] These production data are in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed, however, statistics on this production are not available.

[2] Daily Average columns may not add due to independent rounding.

E=estimate

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	September 1980		August 1980	September 1979	January - September (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
Supply:						
Production	258,580	8,619	8,422	255,693	2,360,075	2,324,186
Imports	141,221	4,707	4,723	192,766	1,468,546	1,783,260
Total new supply	399,801	13,327	13,145	448,459	3,828,621	4,107,446
Stock changes:						
Domestic crude	-4,269	-142	+155	+4,680	+34,995	+9,090
Foreign crude	-5,714	190	+113	-1,706	+3,547	+29,757
Unaccounted for[2]	-3	(s)	+241	-1,604	+14,837	+7,195
Disposition by use:						
Refinery inputs, domestic crude	251,381	8,379	8,304	244,005	2,255,451	2,254,014
Refinery inputs, foreign crude	147,969	4,932	4,707	193,812	1,466,479	1,747,974
Exports	9,647	322	78	5,241	75,033	65,572
Transfers	355	12	14	355	3,962	3,962
Losses	429	14	14	468	3,991	4,272
Total	409,781	13,659	13,118	443,881	3,804,916	4,075,794

[1] Daily Average columns may not add due to independent rounding.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Sources: Forms ERA-60, EIA-87, EIA-90, ERA-182; Bureau of Census publications EM 522 and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District
(Thousand Barrels)

State of Origin	September 1980		August 1980	September 1979	January - September (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
PAD District I:						
Florida	2,994	99.8	141.4	3,728	31,144	36,767
New York	67	2.2	2.7	74	638	633
Pennsylvania	351	11.7	6.7	298	2,805	2,068
Virginia	0	0.0	0.0	0	0	4
West Virginia	171	5.7	7.4	233	1,663	1,696
Total	3,583	119.4	158.1	4,333	36,250	41,168
PAD District II:						
Illinois	1,984	66.1	61.4	2,146	17,023	16,693
Indiana	418	13.9	12.6	435	3,405	3,605
Kansas	4,429	147.6	185.5	4,380	43,678	42,386
Kentucky	491	16.4	17.0	467	4,215	4,114
Michigan	3,001	100.0	105.7	3,154	24,730	25,862
Missouri	6	0.2	0.2	7	53	70
Nebraska	1,384	46.1	2.0	516	4,729	6,103
North Dakota	3,024	100.8	123.0	2,624	29,159	22,274
Ohio	1,074	35.8	38.2	1,014	10,346	9,131
Oklahoma	15,590	519.7	382.6	11,270	112,100	108,117
South Dakota	64	2.1	1.9	74	602	646
Tennessee	72	2.4	2.2	57	532	460
Total	31,537	1,051.2	932.1	26,144	250,572	239,461
PAD District III:						
Alabama	2,168	72.3	56.2	1,189	15,643	13,828
Arkansas	1,579	52.6	43.2	1,370	13,586	13,951
Louisiana	37,446	1,248.2	1,135.7	37,409	350,099	360,032
Mississippi	3,098	103.3	106.7	2,897	27,032	28,079
New Mexico	6,577	219.2	184.5	6,630	56,643	59,027
Texas	84,468	2,815.6	2,627.6	79,901	728,179	757,390
Total	135,336	4,511.2	4,153.8	129,396	1,191,182	1,232,307
PAD District IV:						
Colorado	2,427	80.9	94.2	2,349	22,392	24,276
Montana	2,281	76.0	102.2	2,772	21,995	22,200
Utah	1,998	66.6	67.6	2,102	18,934	20,754
Wyoming	9,798	326.6	415.2	11,847	93,836	99,193
Total	16,504	550.1	679.2	19,070	157,157	166,423
PAD District V:						
Alaska	46,673	1,555.8	1,307.1	44,104	426,708	373,672
Arizona	49	1.6	1.1	37	313	346
California	29,056	968.5	1,031.5	27,824	262,103	260,763
Nevada	111	3.7	3.7	105	795	956
Total	75,889	2,529.6	2,343.3	72,070	689,919	635,737
United States:						
Domestic crude	262,849	8,761.6	8,266.5	251,013	2,325,080	2,315,096
Foreign crude	146,935	4,897.8	4,610.0	194,472	1,464,999	1,753,503
Total	409,784	13,659.5	12,876.5	445,485	3,790,079	4,068,599
Pennsylvania Grade (included above)	1,255	41.8	50.7	1,209	8,711	10,478

[1] Daily Average columns may not add due to independent rounding.

Sources: Forms ERA-60, ERA-182, EIA-87, and EIA-90; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State of Origin and Location
(Thousand Barrels)

State and PAD District	September 30, 1980 Total for State of Origin	August 31, 1980 Total for State of Origin	September 30, 1980 At Refineries	September 30, 1980 At Tank Farms and Pipelines	September 30, 1980 On Leases	September 30, 1980 Total All Locations	Auguat 31, 1980 Total All Locations
PAD District I:							
Delaware, Maryland	0	0	1,333	0	0	1,333	1,820
Florida, Georgia, NC, VA, W. VA	3,145	2,636	2,272	811	53	3,136	2,505
New Hampshire, New York, Rhode Island	4	5	970	794	0	1,764	2,128
New Jersey	0	-	6,251	-	-	6,251	10,255
Pennsylvania	472	605	6,428	889	24	7,341	7,389
Total	3,621	3,246	17,254	2,494	77	19,825	24,097
PAD District II:							
Illinois	2,131	2,247	5,141	17,709	76	22,926	23,118
Indiana	502	537	1,312	3,250	2	4,564	4,573
Iowa, Missouri, Nebraska	440	1,289	218	7,502	25	7,745	7,908
Kansas	5,320	4,603	2,111	8,649	237	10,997	9,628
Kentucky, Tennessee	399	363	1,438	4,092	10	5,540	5,777
Michigan	2,564	2,805	1,071	1,918	124	3,113	3,211
Minnesota, Wisconsin	0	0	1,634	1,919	-	3,553	3,646
North Dakota, South Dakota	2,456	2,027	362	1,016	139	1,517	1,212
Ohio	1,197	1,270	2,276	3,002	109	5,387	5,291
Oklahoma	15,705	16,435	1,772	21,227	798	23,797	26,179
Total	30,714	31,576	17,335	70,284	1,520	89,139	90,543
PAD District III:							
Alabama	893	1,151	925	1,172	42	2,139	1,767
Arkansas	992	1,116	161	1,296	85	1,542	1,665
Louisiana	28,658	28,673	18,680	74,360	2,172	95,212	96,454
Mississippi	2,782	2,977	2,414	4,426	178	7,018	7,479
New Mexico	8,251	8,886	691	2,862	1,619	5,172	5,569
Texas	100,240	105,872	37,216	117,295	11,715	166,226	171,372
Total	141,816	148,675	60,087	[1] 201,411	15,811	[2] 277,309	284,306
PAD District IV:							
Colorado	1,582	1,552	167	845	160	1,172	1,150
Montana	3,078	3,096	1,093	1,879	389	3,361	3,171
Utah	1,226	1,310	728	748	265	1,741	1,747
Wyoming	20,897	19,862	1,340	8,905	411	10,656	10,620
Total	26,783	25,820	3,328	12,377	1,225	16,930	16,688
PAD District V:							
California	23,450	22,947	26,404	14,408	1,483	42,295	39,060
Other States[3]	54,882	53,271	7,231	16,041	43	23,315	24,102
Total	78,332	76,218	33,635	30,449	1,526	65,610	63,162
United States:							
Domestic crude	[4] 281,266	285,535	73,981	187,126	20,159	281,266	285,535
Foreign crude	187,547	193,261	57,658	129,889	--	[5] 187,547	193,261
Total	468,813	478,796	131,639	317,015	20,159	468,813	478,796

[1] Includes 92,824 located in the Strategic Petroleum Reserve.
[2] Includes 171,113 located in Texas-Louisiana Gulf Coast.
[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.
[4] Includes 1,508 of Pennsylvania Grade.
[5] Stocks of foreign crude in PAD District I, 14,864; District II, 19,709; District III, 142,822; District IV, 917; District, 9,235.

Table 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns: September 1980

Refinery District	Total Gasoline[1]	Special Naphthas	Kerosene	Distillate Fuel Oil	Residual Fuel Oil	Total Jet Fuel	All Other Products[2]
East Coast	43.6	0.2	0.1	20.3	12.3	6.0	17.3
Appalachian # 1	39.3	0.8	1.3	25.3	5.6	5.8	21.9
Appalachian # 2	50.5	0	1.6	21.4	6.0	0	20.5
Indiana, Illinois, etc.	55.2	0.7	0.5	20.0	4.8	6.2	12.6
Minneaota, Wisconsin, etc.	52.5	0	0.2	23.7	3.5	4.0	16.1
Oklahoma, Kansas, etc.	53.3	0.7	0	27.7	4.8	4.6	8.9
Texas Inland	45.6	1.0	.4	22.8	5.6	6.7	17.9
Texas Gulf	36.3	1.0	1.8	18.9	12.1	7.5	22.4
Louisiana Gulf	48.3	0.2	1.6	22.4	9.0	9.6	8.9
Arkansas, Louisiana Inland, etc.	22.5	6.0	1.2	27.0	15.2	3.0	25.1
New Mexico	30.6	0	2.6	29.5	16.5	13.0	7.8
Rocky Mountain	45.1	0.2	0.3	29.8	7.3	6.0	11.3
West Coast	41.1	0.1	0.2	14.0	22.4	12.3	9.9
U.S. Totals:							
September 1980	44.3	0.6	0.9	20.2	11.2	7.8	15.0
August 1980	46.0	0.7	0.8	18.8	11.0	7.3	15.4
September 1979	42.3	0.7	1.2	23.0	11.2	6.6	15.0

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.
[2] Includes processing gain.
Source: Form EIA-87.

Table 10. Refinery Input and Output: September 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude petroleum:																	
Domestic	3,810	3,475	7,285	823	40,294	2,477	22,082	65,676	12,006	52,687	36,024	4,885	2,540	108,142	11,871	58,407	251,381
Foreign	35,712	778	36,490	738	[1]23,441	4,245	3,392	[1]31,816	1,332	43,177	20,134	985	387	66,015	1,002	12,646	[1]147,969
Total	39,522	4,253	43,775	1,561	63,735	6,722	25,474	97,492	13,338	95,864	56,158	5,870	2,927	174,157	12,873	71,053	399,350
Unfinished oils rerun (net)	-194	-99	-293	102	-1,163	-96	789	-368	933	-353	254	59	-236	657	352	-1,777	-1,429
Total crude and unfin. rerun	39,328	4,154	43,482	1,663	62,572	6,626	26,263	97,124	14,271	95,511	56,412	5,929	2,691	174,814	13,225	69,276	397,921
Natural gas liquids:																	
LPG	16	46	62	144	1,493	169	936	2,742	520	900	1,607	138	33	3,198	260	590	6,852
Natural gasoline	13	6	19	0	444	167	1,044	1,655	508	1,851	855	189	103	3,506	164	269	5,613
Unfractionated stream [2]	0	2	2	0	108	0	39	147	45	755	123	278	0	1,201	66	0	1,416
Total	29	54	83	144	2,045	336	2,019	4,544	1,073	3,506	2,585	605	136	7,905	490	859	13,881
Other hydrocarbons	106	15	121	0	147	0	38	185	72	414	217	0	0	703	42	427	1,478
Output																	
Gasoline:																	
Motor gasoline	17,260	1,703	18,963	983	36,631	3,812	16,025	57,451	7,636	38,178	29,962	1,941	958	78,675	6,463	29,519	191,071
Aviation gasoline	15	0	15	0	76	0	35	111	13	370	98	0	0	481	38	244	889
Total	17,275	1,703	18,978	983	36,707	3,812	16,060	57,562	7,649	38,548	30,060	1,941	958	79,156	6,501	29,763	191,960
Jet fuel:																	
Naphtha-type	749	174	923	0	432	67	434	933	313	964	717	149	323	2,466	258	1,234	5,814
Kerosene-type	1,591	69	1,660	0	3,439	193	771	4,403	637	6,159	4,671	29	29	11,525	526	7,294	25,408
Total	2,340	243	2,583	0	3,871	260	1,205	5,336	950	7,123	5,388	178	352	13,991	784	8,528	31,222
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	57	57	0	0	114	0	37	151
LRG:																	
For fuel use	847	58	905	0	1,451	149	440	2,040	304	917	1,145	60	31	2,457	151	1,220	6,773
For chemical use	308	0	308	35	257	0	30	322	7	1,458	152	23	0	1,640	6	232	2,508
Total	1,155	58	1,213	35	1,708	149	470	2,362	311	2,375	1,297	83	31	4,097	157	1,452	9,281
Kerosene	40	57	97	26	334	15	7	382	54	1,761	921	70	71	2,877	40	155	3,551
Distillate fuel oil	7,983	1,050	9,033	356	12,466	1,568	7,274	21,664	3,256	17,998	12,653	1,598	793	36,298	3,937	9,671	80,603
Residual fuel oil	4,842	234	5,076	99	3,030	230	1,266	4,625	805	11,516	5,094	902	443	18,760	959	15,483	44,903
Petrochemical feedstocks:																	
Still gas	46	14	60	0	1	0	0	1	5	1,080	71	0	0	1,156	0	48	1,265
Naphtha-400°	271	0	271	0	202	0	89	291	338	5,202	857	43	0	6,440	1	366	7,369
Other	198	74	272	0	272	0	5	277	476	6,353	664	62	0	7,555	5	391	8,500
Total	515	88	603	0	475	0	94	569	819	12,635	1,592	105	0	15,151	6	805	17,134
Special naphthas	96	33	129	0	437	0	186	623	146	950	109	352	0	1,557	32	80	2,421
Lube oil:																	
Bright stock	60	174	234	0	5	0	86	91	0	194	69	0	0	263	0	40	628
Neutral	281	201	482	0	316	0	269	585	0	903	481	63	0	1,447	25	312	2,851
Other grades	164	0	164	0	105	0	98	203	18	1,205	115	79	0	1,417	3	115	1,902
Total	505	375	880	0	426	0	453	879	18	2,302	665	142	0	3,127	28	467	5,381
Wax	27	49	76	0	14	0	25	39	72	136	68	28	0	304	5	94	[3]518
Coke	907	21	928	21	1,937	254	979	3,191	263	1,868	1,849	65	17	4,062	275	2,763	11,219
Asphalt	3,066	144	3,210	96	2,895	636	1,139	4,766	626	809	586	808	92	2,921	856	2,068	13,821
Road oil	0	0	0	0	216	0	21	237	0	0	0	2	0	2	14	83	336
Still gas for fuel	1,804	115	1,919	0	2,875	76	1,216	4,167	430	4,312	2,117	182	62	7,103	575	2,980	16,744
Miscellaneous	143	41	180	2	211	13	50	276	419	1,145	1,932	43	0	3,539	16	381	4,392
Processing gain (-) or loss(+)	-1,235	+16	-1,219	+189	-2,838	-51	-2,125	-4,825	-402	-4,104	-5,174	35	8	-9,637	-428	-4,248	-20,357
Crude oil distillation units:																	
Gross input (1,000 b/d)[4]	1,340	144	1,484	60	2,160	233	858	3,312	480	3,260	1,894	212	100	5,946	450	2,405	13,597
Capacity (1,000 b/d)[5]	1,834	210	2,044	66	2,776	324	1,135	4,301	624	4,584	2,643	290	130	8,271	614	3,128	18,358
Operating ratio[6]	73.1	68.6	72.6	90.9	77.8	71.9	75.6	77.0	76.9	71.1	71.7	73.1	76.9	71.9	73.3	76.9	74.1

[1] Includes some Athabasca hydrocarbons.
[2] Input item "Unfractionated stream" includes "Plant condensate."
[3] Includes microcrystalline, 160 ; crystalline-fully refined, 220 ; and crystalline-other 138.
[4] Includes crude oil, products of natural gas processing plants, and other oils charge to crude oil distillation units during the month.
[5] Represents operable capacity at the beginning of the month.
[6] Represents gross input divided by capacity.
Source: Form EIA-87.

Table 11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals: September 30, 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Motor gasoline:																	
Refinery	11,443	820	12,263	104	16,303	2,538	8,156	27,101	3,976	17,195	12,397	1,534	484	35,586	3,693	17,285	95,928
Bulk terminal	43,487	3,422	46,909	2,269	22,483	4,422	5,508	34,682	2,672	5,110	1,794	3,156	238	12,970	1,302	10,598	106,461
Pipeline	15,575	949	16,524	1,042	5,426	1,501	7,761	15,730	1,984	4,572	5,046	7,967	145	19,714	1,201	2,577	55,746
Total	70,505	5,191	75,696	3,415	44,212	8,461	21,425	77,513	8,632	26,877	19,237	12,657	867	68,270	6,196	30,460	258,135
Aviation gasoline:																	
Refinery	42	0	42	0	274	0	56	330	14	428	266	0	0	708	30	245	1,355
Bulk terminal	356	47	403	0	153	26	34	213	53	0	9	3	43	108	5	460	1,189
Pipeline	0	0	0	0	54	0	0	54	32	15	0	0	0	47	0	0	101
Total	398	47	445	0	481	26	90	597	99	443	275	3	43	863	35	705	2,645
Naphtha-type jet fuel:																	
Refinery	218	77	295	0	464	45	467	976	205	556	448	128	179	1,516	199	1,228	4,214
Bulk terminal	8	0	8	24	119	47	155	345	174	208	0	73	44	499	20	141	1,013
Pipeline	329	0	329	3	57	32	86	178	34	0	8	183	154	379	37	470	1,393
Total	555	77	632	27	640	124	708	1,499	413	764	456	384	377	2,394	256	1,839	6,620
Kerosene-type jet fuel:																	
Refinery	952	46	998	0	1,723	67	439	2,229	406	3,039	2,081	16	12	5,554	309	4,270	13,360
Bulk terminal	4,211	140	4,351	148	2,866	677	593	4,284	140	398	96	67	33	734	270	2,577	12,216
Pipeline	1,948	59	2,007	126	774	142	2,268	3,310	614	1,256	528	1,508	6	3,912	116	618	9,963
Total	7,111	245	7,356	274	5,363	886	3,300	9,823	1,160	4,693	2,705	1,591	51	10,200	695	7,465	35,539
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRG:																	
For fuel use	914	13	927	0	1,311	28	410	1,749	378	746	907	24	17	2,072	247	1,074	6,069
For chemical use	71	0	71	2	94	0	3	99	0	21	1	2	0	24	6	0	200
Total	985	13	998	2	1,405	28	413	1,848	378	767	908	26	17	2,096	253	1,074	6,269
Kerosene:																	
Refinery	263	173	436	59	821	27	186	1,093	48	1,405	433	32	54	1,972	57	110	3,668
Bulk terminal	5,035	353	5,388	227	1,457	94	377	2,155	24	385	20	13	0	442	24	81	8,090
Pipeline	317	0	317	103	263	3	34	403	15	44	148	257	0	464	0	1	1,185
Total	5,615	526	6,141	389	2,541	124	597	3,651	87	1,834	601	302	54	2,878	81	192	12,943
Distillate fuel oil:																	
Refinery	9,676	552	10,228	57	10,299	2,387	6,070	18,813	1,165	13,459	6,400	1,481	344	22,849	2,262	6,200	60,352
Bulk terminal	87,256	2,970	90,226	2,195	18,896	5,126	5,614	31,831	1,761	6,872	1,582	1,508	88	11,811	641	5,106	139,615
Pipeline	7,555	275	7,830	764	3,995	1,268	5,959	11,986	987	3,227	2,737	3,848	56	10,855	675	997	32,343
Total	104,487	3,797	108,284	3,016	33,190	8,781	17,643	62,630	3,913	23,558	10,719	6,837	488	45,515	3,578	12,303	[2]232,310
Residual fuel oil:																	
Refinery	5,246	310	5,556	70	3,678	424	860	5,032	359	9,854	3,399	543	258	14,413	938	9,306	35,245
Bulk terminal	37,819	401	38,220	228	2,104	280	1,207	3,819	32	2,947	4,721	172	0	7,872	0	2,720	[4]52,631
Total	43,065	711	43,776	298	5,782	704	2,067	8,851	391	12,801	8,120	715	258	22,285	938	12,026	[4]87,876
Petrochemical feedstocks:																	
Naphtha-400°	191	0	191	0	245	0	68	313	208	3,454	632	32	0	4,326	1	205	5,036
Other	1	127	128	0	93	0	6	99	172	2,791	260	27	0	3,250	0	99	3,576
Total	192	127	319	0	338	0	74	412	380	6,245	892	59	0	7,576	1	304	8,612
Special naphthas:																	
Refinery	73	39	112	1	329	0	181	511	66	1,250	124	135	0	1,595	20	519	2,757
Bulk terminal	1,529	26	1,555	124	258	68	75	525	0	0	8	1	0	9	0	81	2,170
Total	1,602	65	1,667	125	587	68	256	1,036	86	1,250	132	136	0	1,604	20	600	4,927
Lube oil:																	
Bright stock	231	346	577	0	35	0	101	136	0	240	57	0	0	297	2	66	1,078
Neutral	823	555	1,378	0	477	0	548	1,025	0	1,363	884	55	0	2,302	48	559	5,312
Other grades	2,175	193	2,368	30	614	22	184	850	48	2,480	494	192	12	3,226	12	886	7,342
Total	3,229	1,094	4,323	30	1,126	22	833	2,011	48	4,083	1,435	247	12	5,825	62	1,511	[1]13,732
Wax	18	96	114	0	15	0	27	42	25	230	110	0	0	365	3	28	[3]552
Coke	1,022	0	1,022	0	980	216	257	1,453	2	491	380	7	0	880	475	1,381	5,211
Asphalt	4,632	466	5,098	371	4,046	1,607	1,259	7,283	494	609	938	769	234	3,044	1,322	2,305	[1]19,052
Road oil	0	0	0	0	278	0	15	293	0	0	0	2	0	2	7	34	336
Miscellaneous	229	42	271	1	143	15	187	346	120	681	257	56	0	1,114	0	227	[1]1,958
Unfinished oils	15,437	1,827	17,264	238	17,919	531	7,145	25,833	3,139	31,898	19,537	1,148	257	55,979	2,919	30,082	132,077
Refined products, total	259,082	14,324	273,406	8,186	119,046	21,593	56,296	205,121	19,367	117,224	66,702	24,939	2,658	230,890	16,841	102,536	828,794

[1] Includes bulk terminal stocks: Lubes, 2,892; Asphalt, 5,510; and Miscellaneous, 100.
[2] Includes No. 4 fuel oil: PAD District I, 2,238; PAD District II, 174; PAD District III, 783; PAD District IV, 1; PAD District V, 366.
[3] Includes microcrystalline, 105; crystalline-fully refined, 234; and crystalline-other, 213.
[4] Includes pipeline stocks: PAD District V, 63.
Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or receive petroleum products by tanker, barge, or pipeline.
Pipeline stocks include pipeline fill.

Table 12. Transportation of Petroleum Products by Pipeline
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January-September (Incl.)	
				1980	1979
Turned into lines:					
Gasoline:					
Motor	172,172	179,512	176,421	1,609,050	1,658,419
Aviation	351	364	387	2,839	3,317
Total	172,523	179,876	176,808	1,611,889	1,661,736
Jet fuel:					
Naphtha-type	3,527	3,638	3,455	31,596	32,676
Kerosene-type	26,235	26,457	28,438	252,172	260,820
Total	29,762	30,095	31,893	283,768	293,496
Kerosene	1,633	1,876	2,261	19,609	23,398
Distillate fuel oil	57,174	57,891	73,114	498,755	638,034
Residual fuel oil	92	96	284	1,270	2,003
Natural gas liquids	53,028	51,159	50,851	468,245	496,335
Other products	0	50	80	4,136	246
Delivered from lines:					
Gasoline:					
Motor	174,128	180,937	176,933	1,609,593	1,663,902
Aviation	309	363	432	2,696	3,140
Total	174,437	181,300	177,365	1,612,289	1,667,042
Jet fuel:					
Naphtha-type	3,512	3,589	3,326	31,345	32,668
Kerosene-type	25,540	27,183	29,286	248,302	256,194
Total	29,052	30,772	32,612	279,647	288,862
Kerosene	1,736	1,689	2,038	19,586	22,525
Distillate fuel oil	57,594	55,505	69,311	561,966	367,968
Residual fuel oil	118	93	318	1,270	2,068
Natural gas liquids	52,803	48,814	50,804	464,462	497,468
Other products	0	50	80	4,039	246
Shortage (or overage):					
Gasoline:					
Motor	(107)	(838)	(810)	(3,835)	(4,380)
Aviation	3	(1)	17	75	121
Total	(104)	(839)	(793)	(3,760)	(4,259)
Jet fuel:					
Naphtha-type	(38)	42	63	53	34
Kerosene-type	310	482	368	3,097	3,129
Total	272	524	431	3,150	3,163
Kerosene	139	82	96	817	865
Distillate fuel oil	(878)	132	137	2,530	(1,232)
Residual fuel oil	(18)	(10)	(30)	(34)	(75)
Natural gas liquids	653	120	148	2,431	1,394
Other products	0	0	0	2	0
Stocks in lines and working tanks at end of month:					
Gasoline:					
Motor	55,746	57,595	50,258	55,746	50,258
Aviation	101	62	76	101	76
Total	55,847	57,657	50,334	55,847	50,334
Jet fuel:					
Naphtha-type	1,393	1,340	1,078	1,393	1,078
Kerosene-type	9,963	9,578	7,420	9,963	7,420
Total	11,356	10,918	8,498	11,356	8,498
Kerosene	1,185	1,427	1,656	1,185	1,656
Distillate fuel oil	32,343	31,885	33,794	32,343	33,794
Residual fuel oil	63	71	10	63	10
Natural gas liquids	36,796	37,224	38,904	36,796	38,904
Other products	0	0	0	0	0

Source: Form EIA-89.

Table 13. Movements of Petroleum Products by Pipeline Between PAD Districts
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.)	
				1980	1979
From PAD District 1 to PAD District 2:					
Gasoline:					
Motor	4,495	4,253	4,520	39,479	41,599
Aviation	5	9	9	48	60
Total	4,500	4,262	4,529	39,527	41,659
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	101	96	166	1,622	1,778
Total	101	96	166	1,622	1,778
Kerosene	30	7	28	225	233
Distillate fuel oil	1,180	1,244	1,437	12,270	12,788
From PAD District 2 to PAD District 1:					
Gasoline:					
Motor	1,114	1,010	670	7,755	7,990
Total	1,114	1,010	670	7,755	7,990
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	18	54	148
Distillate fuel oil	220	97	135	1,607	1,635
Natural gas liquids	829	817	1,443	9,052	7,797
From PAD District 2 to PAD District 3:					
Gasoline:					
Motor	1,476	1,493	1,182	14,440	12,593
Total	1,476	1,493	1,182	14,440	12,593
Jet fuel:					
Naphtha-type	119	0	29	507	508
Kerosene-type	37	98	71	434	153
Total	156	98	100	941	661
Distillate fuel oil	368	286	343	3,491	3,685
Natural gas liquids	2,058	2,056	1,904	18,321	16,966
From PAD District 2 to PAD District 4:					
Gasoline:					
Motor	1,446	1,622	1,441	13,023	13,688
Aviation	21	21	26	146	224
Total	1,467	1,643	1,467	13,169	13,912
Jet fuel:					
Kerosene-type	438	535	531	3,912	4,091
Total	438	535	531	3,912	4,091
Kerosene	0	8	0	8	0
Distillate fuel oil	290	376	292	2,414	2,609
Natural gas liquids	148	88	120	1,248	1,162
From PAD District 3 to PAD District 1:					
Gasoline:					
Motor	39,961	38,627	34,760	346,665	332,736
Aviation	22	26	35	161	221
Total	39,983	38,653	34,795	346,826	332,957
Jet fuel:					
Naphtha-type	111	109	129	1,088	1,118
Kerosene-type	3,989	5,269	5,579	46,026	48,430
Total	4,100	5,378	5,708	47,114	49,548
Kerosene	599	319	857	5,447	7,180
Distillate fuel oil	14,591	14,120	16,598	141,812	150,971
Natural gas liquids	1,536	1,845	1,382	13,147	16,695
From PAD District 3 to PAD District 2:					
Gasoline:					
Motor	5,725	6,391	7,564	50,835	55,926
Aviation	72	41	139	391	1,183
Total	5,797	6,432	7,703	51,226	57,109
Jet fuel:					
Naphtha-type	1	1	0	6	6
Kerosene-type	1,427	1,073	1,408	10,988	11,740
Total	1,428	1,074	1,408	10,944	11,746
Kerosene	1	91	178	510	1,454
Distillate fuel oil	1,814	1,524	2,939	13,491	24,014
Natural gas liquids	6,013	7,405	4,508	51,745	65,503
From PAD District 3 to PAD District 4:					
Gasoline:					
Motor	0	0	0	0	0
Aviation	0	0	0	0	0
Total	0	0	0	0	0
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Natural gas liquids	0	0	0	0	0
From PAD District 3 to PAD District 5:					
Gasoline:					
Motor	922	1,024	738	7,756	7,484
Total	922	1,024	738	7,756	7,484
Jet fuel:					
Naphtha-type	71	74	135	860	1,022
Kerosene-type	92	105	61	927	810
Total	163	179	196	1,787	1,832
Distillate fuel oil	404	385	404	3,307	3,500
From PAD District 4 to PAD District 2:					
Gasoline:					
Motor	509	479	605	3,821	4,103
Total	509	479	605	3,821	4,103
Jet fuel:					
Naphtha-type	13	17	30	109	198
Kerosene-type	5	6	8	65	69
Total	18	23	38	174	267
Kerosene	0	0	0	0	0
Distillate fuel oil	303	318	326	2,777	2,728
Natural gas liquids	457	483	455	4,070	3,635
From PAD District 4 to PAD District 3:					
Natural gas liquids	0	0	0	0	0
From PAD District 4 to PAD District 5:					
Gasoline:					
Motor	490	418	613	5,831	6,718
Total	490	418	613	5,831	6,718
Jet fuel:					
Naphtha-type	36	73	85	675	713
Kerosene-type	76	47	79	524	611
Total	112	120	164	1,199	1,324
Distillate fuel oil	72	106	271	1,748	2,067

Source: Form EIA-89.

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products
(Thousand Barrels)

Item	September	August	September	January-September(Incl.)	
	1980	1980	1979	1980	1979
PAD District I to PAD District II:					
Crude oil	324	537	0	1,194	0
Unfinished oils	15	20	0	125	131
Gasoline:					
Motor	1,195	1,102	1,066	12,741	8,698
Aviation	0	0	0	0	0
Total	1,195	1,102	1,066	12,741	8,698
Special naphthas	0	0	0	8	0
Jet fuel:					
Naphtha-type	91	143	27	956	319
Kerosene-type	85	81	151	1,224	994
Total	176	224	178	2,180	1,313
Kerosene	62	40	42	456	377
Distillate fuel oil	281	328	582	4,513	3,163
Residual fuel oil	0	0	74	20	103
Lubricating oil	0	7	9	86	109
Wax	0	0	0	0	0
Asphalt and road oil	0	0	116	0	116
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	10	18	113	239	341
Other products	0	0	0	0	0
Total	2,063	2,276	2,180	21,562	14,351
PAD District I to PAD District III:					
Crude oil	162	251	149	2,905	2,939
Unfinished oils	214	115	217	1,666	3,209
Gasoline:					
Motor	106	39	834	754	1,018
Aviation	0	0	0	0	0
Total	106	39	834	754	1,018
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	72
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	72
Kerosene	0	0	0	0	0
Distillate fuel oil	90	43	0	751	292
Residual fuel oil	28	2	0	160	213
Lubricating oil	496	147	24	1,966	284
Wax	10	0	0	31	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	129	61	559	61
Other products	14	9	0	356	203
Total	1,120	735	1,285	9,148	8,291
PAD District II to PAD District I:					
Crude oil	97	91	0	880	10
Unfinished oil	0	0	23	24	172
Gasoline:					
Motor	0	0	180	856	1,470
Aviation	0	0	0	0	0
Total	0	0	180	856	1,470
Special naphthas	0	0	0	25	55
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	238	44
Total	0	0	0	238	44
Kerosene	0	0	0	0	5
Distillate fuel oil	0	11	42	390	919
Residual fuel oil	169	147	213	1,184	2,124
Lubricating oil	47	26	37	253	268
Wax	0	0	0	16	0
Asphalt and road oil	60	62	128	207	813
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	15	9	7	106	7
Other products	0	0	0	0	33
Total	388	346	630	4,179	5,920
PAD District II to PAD District III:					
Crude oil	0	0	0	0	0
Unfinished oils	103	100	72	1,657	1,302
Gasoline:					
Motor	126	130	0	1,413	187
Aviation	0	0	0	32	0
Total	126	130	0	1,445	187
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	34	0
Total	0	0	0	34	0
Kerosene	0	0	0	0	0
Distillate fuel oil	220	59	70	2,087	682
Residual fuel oil	673	1,138	0	7,094	241
Lubricating oil	0	0	9	64	129
Wax	0	0	0	9	0
Asphalt and road oil	0	0	0	0	13
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	18	13	10	446	108
Other products	0	0	0	370	32
Total	1,140	1,440	161	13,206	2,694

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued (Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.)	
				1980	1979
PAD District III to PAD District I:[1]					
Crude Oil	715	352	740	4,886	5,902
Unfinished oils	355	122	679	3,807	3,361
Gasoline:					
Motor	10,914	10,325	11,257	106,823	132,481
Aviation	241	254	384	2,150	2,791
Total	11,155	10,579	11,641	108,973	135,272
Special naphthas	299	624	284	3,552	3,776
Jet fuel:					
Naphtha-type	764	1,059	221	5,652	4,006
Kerosene-type	2,709	3,113	2,016	29,423	26,129
Total	3,473	4,172	2,237	35,075	30,135
Kerosene	272	186	280	2,682	4,153
Distillate fuel oil	4,209	3,608	4,905	45,083	61,299
Residual fuel oil	5,512	4,346	1,913	58,280	32,107
Lubricating oil	673	686	721	8,298	8,167
Wax	11	13	12	161	147
Asphalt and road oil	386	413	218	3,040	3,013
Liquefied gases	104	34	0	300	385
Petrochemical feedstocks	148	57	28	1,347	1,297
Other products	168	317	168	3,716	4,263
Total	27,480	25,509	23,826	279,200	293,277
PAD District III to PAD District II:					
Crude oil	812	1,072	527	9,724	3,573
Unfinished oils	83	0	159	449	303
Gasoline:					
Motor	875	1,843	3,237	14,061	14,901
Aviation	79	49	56	587	401
Total	954	1,892	3,293	14,648	15,302
Special naphthas	196	112	180	1,349	1,551
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	139	197	194	1,493	2,200
Total	139	197	194	1,493	2,200
Kerosene	59	0	58	416	443
Distillate fuel oil	310	177	339	3,694	4,866
Residual fuel oil	334	190	767	4,087	6,351
Lubricating oil	276	375	231	2,803	2,749
Wax	0	0	0	76	0
Asphalt and road oil	397	273	676	2,586	3,570
Liquefied gases	10	20	0	30	207
Petrochemical feedstocks	23	57	33	521	587
Other products	122	57	25	379	157
Total	3,715	4,422	6,482	42,255	41,859
PAD District III to PAD District V:					
Crude oil	0	0	0	0	0
Unfinished oils	203	232	228	1,136	908
Gasoline:					
Motor	0	371	0	634	1,067
Aviation	0	30	19	51	38
Total	0	401	19	685	1,105
Special naphthas	0	0	0	10	0
Jet fuel:					
Naphtha-type	0	0	0	487	0
Kerosene-type	0	464	45	695	1,507
Total	0	464	45	1,182	1,507
Kerosene	0	0	0	76	23
Distillate fuel oil	0	0	0	34	824
Residual fuel oil	0	70	170	332	176
Lubricating oil	103	278	251	1,579	1,228
Wax	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	18
Other products	0	0	0	40	19
Total	306	1,445	713	5,074	5,808
PAD District V to PAD District I:					
Crude oil	2,181	2,744	1,142	24,217	11,143
Gasoline:					
Motor	0	0	0	251	0
Aviation	0	0	0	0	0
Total	0	0	0	251	0
Special naphthas	0	0	0	0	0
Distillate fuel oil	0	0	0	20	0
Residual fuel oil	0	187	0	716	0
Lubricating oils	0	0	0	30	5
Other products	0	0	0	1	0
Total	2,181	2,931	1,142	25,235	11,148
PAD District V to PAD District III:					
Crude oil	7,766	11,123	3,613	78,756	34,800
Motor gasoline	0	0	0	0	104
Kerosene-type jet fuel	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Residual fuel oil	0	0	0	204	0
Wax	0	0	0	0	0
Lubricating oil	16	96	31	440	386
Unfinished oils	64	174	0	1,356	415
Other products	0	45	0	142	313
Total	7,846	11,438	3,644	80,898	36,018

[1] Breakdown by region shown in Table 15.

Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January-September(Incl.) 1980	January-September(Incl.) 1979
To New England:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	0	190	0
Gasoline:					
Motor	994	380	1,696	11,163	21,814
Aviation	23	22	54	226	260
Total	1,017	402	1,750	11,389	22,074
Special naphthas	27	14	57	375	385
Jet fuel:					
Naphtha-type	0	152	0	259	239
Kerosene-type	245	262	377	3,566	5,246
Total	245	414	377	3,825	5,485
Kerosene	123	54	44	1,086	1,345
Distillate fuel oil	1,207	909	1,301	12,310	18,837
Residual fuel oil	722	565	217	7,578	1,678
Lubricating oil	0	0	32	793	366
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	0
Other products	7	0	8	106	71
Total	3,348	2,358	3,786	37,652	50,241
To Central Atlantic:[1]					
Crude oil	715	352	740	4,782	5,902
Unfinished oils	216	2	640	2,045	2,731
Gasoline:					
Motor	912	451	1,232	7,871	18,271
Aviation	79	55	142	480	641
Total	991	506	1,374	8,351	18,912
Special naphthas	184	530	163	2,325	2,144
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	67	89	426	3,649	3,118
Total	67	89	426	3,649	3,118
Kerosene	97	84	169	889	1,814
Distillate fuel oil	1,177	448	1,570	8,926	19,992
Residual fuel oil	538	458	633	14,221	10,161
Lubricating oil	496	538	485	5,691	5,869
Wax	11	13	12	161	147
Asphalt and road oil	9	24	65	130	248
Liquefied gases	0	0	0	0	147
Petrochemical feedstocks	148	38	9	1,195	993
Other products	21	155	16	2,137	3,443
Total	4,670	3,237	6,302	54,460	75,621
To Lower Atlantic:[1]					
Crude oil	0	0	0	104	0
Unfinished oil	139	120	39	1,572	630
Gasoline:					
Motor	9,008	9,494	8,329	87,789	92,396
Aviation	139	177	188	1,444	1,890
Total	9,147	9,671	8,517	89,233	94,286
Special naphthas	88	80	64	852	1,247
Jet fuel:					
Naphtha-type	764	907	221	5,074	3,767
Kerosene-type	2,397	2,762	1,213	22,527	17,765
Total	3,161	3,669	1,434	27,601	21,532
Kerosene	52	48	67	707	994
Distillate fuel oil	1,825	2,251	2,034	23.847	22,470
Residual fuel oil	4,252	3,323	1,063	36,481	20,268
Lubricating oil	177	148	204	1,856	1,932
Wax	0	0	0	0	0
Asphalt and road oil	377	389	153	2,910	2,765
Liquefied gases	104	34	0	300	238
Petrochemical feedstocks	0	19	19	152	304
Other products	140	162	144	1,473	749
Total	19,462	19,914	13,738	187,088	167,415

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.
Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, and Pennsylvania.
Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.
Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

PAD District and Country of Origin	September 1980	August 1980	September 1979	January - September (Incl.) 1980	January - September (Incl.) 1979
All PAD Districts:					
Algeria	10,612	12,112	15,166	128,001	167,170
Angola	1,118	687	731	10,301	11,382
Bolivia	-	-	-	301	-
Brunei	-	-	-	348	2,295
Cameroon	839	1,010	731	9,427	3,937
Canada[1]	5,517	4,957	6,854	56,485	73,458
Chile	-	-	-	-	-
Congo (Brazzaville)	301	821	-	1,941	909
Ecuador	393	-	794	4,607	8,302
Egypt	947	683	1,988	10,252	10,766
Gabon	-	697	-	6,501	11,178
Ghana	-	-	-	399	204
Guatemala	-	116	-	515	-
Indonesia	8,298	8,055	9,967	85,439	104,815
Iran	-	-	10,953	2,625	63,830
Iraq	1,427	1,541	3,605	9,671	25,568
Kuwait	1,154	-	-	6,488	1,541
Liberia	-	-	-	-	-
Libya	14,795	12,908	18,148	150,421	180,684
Malaysia	2,037	2,800	1,591	17,207	14,249
Mexico	15,371	17,922	12,919	149,471	116,542
Netherlands	-	-	-	404	2,342
Nigeria	21,666	23,693	32,870	235,196	296,957
Norway	3,637	2,721	3,316	37,794	17,692
Oman	822	-	1,398	6,588	10,694
People's Republic of China	-	-	589	-	3,384
Peru	767	1,056	1,566	11,145	11,379
Qatar	-	437	1,239	7,054	8,597
Romania	-	-	-	-	-
Saudi Arabia	32,939	34,604	38,379	347,996	379,227
Spain	-	-	-	299	-
Syria	-	-	648	787	2,723
Taiwan	-	-	-	-	-
Trinidad	4,211	3,133	3,440	32,397	34,121
Tunisia	-	472	661	1,928	4,352
United Arab Emirates	3,203	4,404	8,097	54,205	78,755
United Kingdom	6,529	5,689	5,769	47,997	54,484
Venezuela	4,222	5,432	11,347	40,023	80,721
Zaire	416	461	-	3,432	1,002
Total[1]	[2]141,221	146,420	192,766	[2]1,468,546	1,783,260
To PAD District I:					
Algeria	2,906	4,073	4,682	40,952	52,685
Angola	599	687	118	3,051	2,555
Cameroon	500	-	367	1,444	367
Canada	-	178	261	2,085	2,413
Ecuador	-		399	383	2,136
Egypt	682	683	666	5,338	7,590
Gabon	-	697	-	4,727	10,631
Indonesia	1,360	1,020	811	7,841	7,618
Iran	-	-	4,651	-	22,352
Iraq	-	-	-	-	3,213
Kuwait	764	-	-	3,800	-
Libya	5,825	3,742	3,538	36,336	25,562
Mexico	2,146	1,524	405	13,458	2,384
Netherlands	-	-	-	403	-
Nigeria	4,849	5,467	10,080	58,760	80,678
Norway	1,851	-	684	8,374	2,578
Oman	316	-	503	2,241	3,120
Peru	-	400	-	3,935	1,648
Qatar	-	-	708	1,530	2,927
Saudi Arabia	9,769	10,783	11,133	107,415	100,478
Spain	-	-	-	299	-
Trinidad	675	425	246	4,718	2,304
Tunisia	-	-	-	198	1,694
United Arab Emirates	-	349	140	4,349	3,770
United Kingdom	2,436	1,441	1,963	13,494	12,207
Venezuela	2,326	2,805	7,767	21,458	45,821
Zaire	416	461	-	3,132	751
Total	37,420	34,735	49,122	349,721	397,482

[1] Includes some Athabasca hydrocarbons.

[2] Includes 1,617 imported into Strategic Petroleum Reserve.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

PAD District and Country of Origin	September 1980	August 1980	September 1979	January - September (Incl.) 1980	January - September (Incl.) 1979
To PAD District II:					
Algeria	3,499	4,547	4,350	36,110	98,042
Angola	-	-	-	-	-
Cameroon	339	546	-	5,462	1,605
Canada[1]	3,899	3,056	4,703	39,512	48,979
Ecuador	-	-	-	692	204
Egypt	-	-	-	525	1,013
Gabon	-	-	-	514	-
Ghana	-	-	-	50	-
Guatemala	-	116	-	391	-
Iran	-	-	4,388	1,890	21,499
Iraq	-	294	81	294	4,045
Kuwait	-	-	-	-	-
Libya	3,970	5,426	7,313	56,936	90,173
Mexico	5,013	6,557	4,812	45,066	34,079
Netherlands	-	-	-	-	-
Nigeria	4,196	4,703	6,536	51,371	48,433
Norway	360	1,876	1,616	13,243	8,995
Oman	506	-	895	4,164	6,471
Peru	362	-	-	2,618	4,405
Qatar	-	-	531	1,647	5,175
Saudi Arabia	3,078	2,987	5,913	24,629	46,983
Syria	-	-	-	-	715
Trinidad	1,380	1,328	880	10,064	6,769
Tunisia	-	472	359	900	1,248
United Arab Emirates	401	1,211	466	13,038	11,622
United Kingdom	946	2,163	1,413	15,812	16,696
Venezuela	-	463	367	3,366	6,000
Zaire	-	-	-	-	-
Total[1]	27,949	35,745	44,623	328,294	403,151
To PAD District III:					
Algeria	3,766	3,492	6,134	50,498	73,906
Angola	519	-	613	5,817	8,124
Bolivia	-	-	-	301	-
Cameroon	-	464	364	2,521	1,965
Congo (Brazzaville)	301	821	-	1,941	909
Ecuador	393	-	395	3,276	5,153
Egypt	265	-	1,322	4,389	3,176
Gabon	-	-	-	1,260	547
Ghana	-	-	-	250	-
Guatemala	-	-	-	124	-
Indonesia	-	-	750	-	6,385
Iran	-	-	1,914	735	19,979
Iraq	1,427	1,247	3,524	9,377	18,310
Kuwait	390	-	-	2,688	1,541
Liberia	-	-	-	-	-
Libya	5,000	3,740	7,297	56,894	64,949
Malaysia	-	-	-	192	-
Mexico	8,212	9,841	7,702	81,947	80,079
Netherlands	-	-	-	1	2,342
Nigeria	11,412	13,108	16,254	123,328	167,846
Norway	1,426	845	1,016	15,862	6,119
Oman	-	-	-	183	1,103
Peru	405	656	1,566	3,983	3,181
Qatar	-	437	-	3,877	495
Saudi Arabia	19,712	20,483	20,537	214,116	226,399
Syria	-	-	648	787	2,008
Trinidad	2,156	1,380	2,314	17,615	25,048
Tunisia	-	-	302	830	1,410
United Arab Emirates	2,350	1,662	5,269	26,053	44,140
United Kingdom	3,147	2,094	2,393	18,691	25,581
Venezuela	1,190	1,780	2,691	12,284	25,698
Zaire	-	-	-	300	251
Total	[2] 62,071	62,050	83,005	[2] 660,120	816,644
To PAD District IV:					
Algeria	-	-	-	-	2,537
Canada	1,026	1,111	1,380	9,094	14,996
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	-	26	-
Total	1,026	1,111	1,380	9,488	17,893
To PAD District V[3]					
Algeria	441	-	-	441	-
Angola	-	-	-	1433	703
Brunei	-	-	-	348	2,295
Canada	592	612	510	5,794	7,070
Ecuador	-	-	-	256	-
Indonesia	6,938	7,035	8,406	77,598	90,452
Malaysia	2,037	2,800	1,591	17,015	14,249
Nigeria	1,209	415	-	1,624	-
Norway	-	-	-	315	-
People's Republic of China	-	-	589	-	3,384
Peru	-	-	-	609	2,145
Saudi Arabia	380	351	796	1,810	5,367
United Arab Emirates	452	1,182	2,222	10,765	19,223
Venezuela	706	384	522	2,915	3,202
Total	12,755	12,779	14,636	120,923	148,090

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[1] Includes some Athabaaca hydrocarbons.
[2] Includes 1,617 imported into Strategic Petroleum Reserve.
[3] Excludes crude oil delivered into foreign trade zone.
Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District
(Thousand Barrels)

Item	September	August	September	January - September (Incl.)	
	1980	1980	1979	1980	1979
All PAD Districts:					
Motor gasoline:					
Receipts from Puerto Rico	184	1,328	905	7,468	10,551
Other	[1]2,992	3,037	3,141	31,347	37,162
Total	3,176	4,365	4,046	38,815	47,713
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	7
Other	0	0	0	0	0
Total	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	[1]765	475	445	9,133	4,853
Total	765	475	445	9,133	4,853
Kerosene-type jet fuel:					
Bonded aircraft fuel	548	122	673	3,451	2,650
Receipts from Puerto Rico	0	48	45	48	177
Other	986	1,418	1,366	10,054	12,253
Total	1,534	1,588	2,084	13,643	15,080
Ethane	1,239	1,147	638	13,811	13,680
Liquefied petroleum gases	3,519	3,739	4,895	38,523	44,364
Kerosene:					
Receipts from Puerto Rico	0	0	25	26	273
Other	0	0	24	2,489	1,641
Total	0	0	49	2,515	1,914
Distillate fuel oil:					
Bonded ships bunkers	20	10	2	255	7
For military offshore use	192	0	119	1,285	884
Receipts from Puerto Rico	493	341	725	4,686	5,448
No. 2 fuel oil	[1]2,323	2,031	2,743	31,020	40,366
No. 4 fuel oil	0	0	176	828	4,346
Total	3,028	2,382	3,765	38,074	51,051
Residual fuel oil:					
Bonded ships bunkers	1	0	0	6	0
For military offshore use	66	30	119	655	319
Receipts from Puerto Rico	198	160	0	1,439	1,897
Other	[1]26,908	26,920	29,259	244,953	314,643
Total	27,173	27,110	29,378	247,053	316,859
Petrochemical feedstocks:					
Receipts from Puerto Rico	0	278	71	1,129	1,576
Other	1,374	259	173	4,759	1,362
Total	1,374	537	244	5,888	2,938
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	631	128	180	1,675	3,243
Total	631	128	180	1,736	3,243
Lubricants	231	199	299	1,925	2,692
Wax	0	0	0	0	0
Asphalt	146	209	195	973	1,149
Miscellaneous	120	7	7	373	268
Total	42,918	41,886	46,225	412,462	505,811
PAD District I:					
Motor gasoline:					
Receipts from Puerto Rico	184	1,039	681	6,153	8,982
Other	2,256	1,989	2,451	23,894	30,091
Total	2,440	3,028	3,132	30,047	39,073
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	327	408	160	7,526	2,544
Total	327	408	160	7,526	2,544
Kerosene-type jet fuel:					
Bonded aircraft fuel	93	27	402	1,268	1,236
Receipts from Puerto Rico	0	48	45	48	177
Other	516	654	504	5,049	5,258
Total	609	729	951	6,365	6,671
Ethane	0	0	0	1	2
Liquefied petroleum gases	524	523	804	5,413	6,956
Kerosene:					
Receipts from Puerto Rico	0	0	25	26	273
Other	0	0	24	2,489	1,641
Total	0	0	49	2,515	1,914
Distillate fuel oil:					
Bonded ships bunkers	20	0	2	220	7
For military offshore use	192	0	119	805	382
Receipts from Puerto Rico	493	341	725	4,509	5,448
No. 2 fuel oil	2,111	1,712	2,230	29,317	37,254
No. 4 fuel oil	0	0	176	828	3,145
Total	2,816	2,053	3,252	35,679	46,236
Residual fuel oil:					
Bonded ships bunkers	1	0	0	6	0
For military offshore use	66	30	119	655	319
Receipts from Puerto Rico	198	160	0	1,439	1,897
Other	25,261	24,734	27,007	225,358	294,639
Total	25,256	24,924	27,126	227,458	296,855
Petrochemical feedstocks:					
Receipts from Puerto Rico	0	211	71	570	860
Other	394	2	69	2,525	350
Total	394	213	140	3,095	1,210
Special naphthas	26	17	1	135	850
Lubricants	151	122	244	1,541	2,036
Wax	0	0	0	0	0
Asphalt	146	209	195	973	1,149
Miscellaneous	110	2	0	243	147
Total	33,069	32,228	36,054	320,991	405,643
PAD District II:					
Motor gasoline	90	86	188	924	773
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	25	27	0	132	0
Total	25	27	0	132	0
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	91	0
Total	0	0	0	91	0
Ethane	1,239	1,147	638	13,810	13,678
Liquefied petroleum gases	1,573	1,224	2,949	21,208	24,243
Kerosene	0	0	0	0	0
Distillate fuel oil:					
No. 2 fuel oil	0	0	0	0	38
No. 4 fuel oil	0	0	0	0	0
Total	0	0	0	0	38
Residual fuel oil[2]	1,085	928	1,109	7,809	10,975
Petrochemical feedstocks	0	9	3	118	441
Special naphthas	108	92	15	754	232
Lubricants	0	0	0	14	47
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	10	5	7	129	71
Total	4,130	3,518	4,909	44,989	50,498

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[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 1,101; Naphtha-type jet fuel, 213; Distillate No.2 fuel oil, 2,108; Residual fuel oil, 4,964.

[2] Includes crude oil for direct burning as fuel: Current month, 261.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District - Continued
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.)	
				1980	1979
PAD District III:					
Motor gasoline:					
Receipts from Puerto Rico	0	123	224	508	1,368
Other	0	202	96	2,152	2,127
Total	0	325	320	2,660	3,495
Aviation gasoline	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	0	0	212
Total	0	0	0	0	212
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	115	173	1,303	525
Total	0	115	173	1,303	525
Liquefied petroleum gases	712	1,266	491	5,630	6,410
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	177	0
No. 2 fuel oil	146	150	227	804	1,362
Total	146	150	227	981	1,362
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	399	598	225	4,600	729
Total	399	598	225	4,600	729
Petrochemical feedstocks:					
Receipts from Puerto Rico	0	67	0	559	716
Other	980	248	101	1,715	528
Total	980	315	101	2,274	1,244
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	364	0	164	377	1,729
Total	364	0	164	438	1,729
Lubricants	62	0	55	228	336
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	1	25
Total	2,663	2,769	1,756	18,115	16,074
PAD District IV:					
Motor gasoline	0	0	0	44	138
Aviation gasoline	0	0	0	0	0
Liquefied petroleum gases	348	313	296	2,935	3,108
Distillate fuel oil	0	0	0	0	4
Residual fuel oil	0	0	0	0	0
Special naphthas	0	0	0	2	0
Lubricants	0	0	0	1	0
Total	348	313	296	2,982	3,250
PAD District V:					
Motor gasoline:					
Receipts from Puerto Rico	0	166	0	807	201
Other	646	760	406	4,333	4,033
Total	646	926	406	5,140	4,234
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	413	40	285	1,475	2,097
Total	413	40	285	1,475	2,097
Kerosene-type jet fuel:					
Bonded aircraft fuel	455	95	271	2,273	1,414
Other	470	649	689	3,611	6,470
Total	925	744	960	5,884	7,884
Liquefied petroleum gases	362	413	355	3,337	3,647
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	10	0	35	0
For military offshore use	0	0	0	480	502
No. 2 fuel oil	66	169	286	899	1,708
No. 4 fuel oil	0	0	0	0	1,201
Total	66	179	286	1,414	3,411
Residual fuel oil:					
Bonded ships bunker	0	0	0	0	0
For military offshore use	0	0	0	0	
Other	163	660	918	7,186	8,300
Total	163	660	918	7,186	8,300
Petrochemical feedstocks	0	0	0	401	43
Special naphthas	133	19	0	407	432
Lubricants	0	77	0	141	273
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	0	25
Total	2,708	3,058	3,210	25,385	30,346

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.)	
				1980	1979
Plant condensate:					
PAD District I	0	14	0	14	0
PAD District II	0	0	0	0	110
PAD District III	0	61	0	61	0
PAD District IV	289	184	233	2,327	2,641
PAD District V	0	0	79	423	743
Total	289	259	312	2,825	3,494
Unfinished oils:					
PAD District I	[1]801	322	635	8,928	5,789
PAD District II	26	34	1	214	336
PAD District III	224	0	233	5,093	3,884
PAD District IV	0	0	0	0	0
PAD District V	0	255	518	2,325	2,864
Total	1,051	611	1,387	16,560	12,873

[1] Includes receipts from Puerto Rico: 599.

Sources: Forms ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation: September 1980
(Thousand Barrels)

State and District	Crude Oil Input to Refineries	Refinery Fuel Use and Losses	Refinery Receipts of Domestic Crude Oil								Refinery Receipts of Foreign Crude	
					Intrastate			Interstate				
			Total Receipts	Daily Average	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tankers and Barges
PAD District I:												
Delaware, Maryland	3,653	0	0	0	0	0	0	0	0	0	0	3,166
Fla., Ga., Va., N.C.	2,254	0	2,584	86	0	0	16	0	121	0	0	2,428
New Jersey, Rhode Is.	19,324	0	0	0	0	0	0	0	0	283	0	15,037
New York, New Hamp.	2,117	4	67	2	0	0	0	969	0	0	588	579
Pennsylvania: East	13,653	0	0	0	0	0	0	0	0	634	0	13,518
West	2,185	0	371	13	237	114	0	912	403	120	312	0
West Virginia	589	0	188	6	182	1	0	203	98	160	0	0
Total	[1]43,775	4	3,210	107	419	115	16	2,084	622	1,197	900	34,728
PAD District II:												
Illinois	27,567	0	2,316	77	950	2	0	17,545	1	0	8,337	250
Indiana	14,388	11	207	7	205	1	0	10,568	5	78	3,358	0
Kansas	10,294	1	4,186	140	3,487	289	0	4,592	0	0	1,432	0
Kentucky, Tennessee	7,085	14	308	10	0	187	0	1,287	71	776	4,280	363
Michigan	2,222	104	2,368	79	1,680	195	0	416	0	0	50	0
Minnesota, Wisconsin	5,471	0	0	0	0	0	0	1,296	0	0	4,034	0
Missouri, Nebraska	2,022	0	1,115	37	2	0	0	1,905	0	0	0	0
N. and S. Dakota	1,251	0	3,342	112	1,377	15	0	0	63	0	0	0
Ohio: East	1,561	0	1,149	38	75	0	0	751	0	0	687	0
West	[2]12,473	0	0	0	0	0	0	6,090	0	0	[2]6,429	0
Oklahoma	13,158	6	11,651	388	5,474	615	0	5,211	0	0	1,678	0
Total	97,492	136	26,642	888	13,250	1,304	0	49,661	140	854	30,285	613
PAD District III:												
Alabama	2,811	17	2,093	70	1,688	53	15	489	54	0	175	540
Arkansas	1,662	0	1,531	51	1,240	59	0	205	0	0	182	0
Louisiana	47,001	27	36,932	1,231	15,996	1,153	4,559	3,911	221	3,019	0	13,660
Mississippi	10,554	5	3,046	101	1,119	148	0	3,814	42	655	99	4,542
New Mexico	2,927	5	5,363	179	1,853	837	0	26	18	0	387	0
Texas	109,202	6	83,541	2,785	49,532	1,807	2,137	5,554	0	5,345	887	41,264
Total	174,157	60	132,506	4,417	71,428	4,057	6,711	13,999	335	9,019	1,730	60,006
PAD District IV:												
Colorado	964	0	2,424	81	127	246	0	508	0	0	0	0
Montana	3,286	0	2,099	70	559	143	0	1,378	5	0	1,050	0
Utah	3,723	2	2,026	67	841	511	0	2,276	143	0	0	0
Wyoming	4,900	1	10,020	334	4,591	116	0	14	32	0	0	0
Total	12,873	3	16,569	552	6,118	1,016	0	4,176	180	0	1,050	0
PAD District V:												
California	57,060	6	27,117	904	22,260	2,333	1,990	0	0	25,635	0	8,730
Washington	9,898	0	0	0	0	0	0	0	0	5,103	591	3,089
Other States[3]	4,095	12	41,337	1,378	851	69	1,362	0	89	988	0	1,221
Total	71,053	18	68,454	2,282	23,111	2,402	3,352	0	89	31,726	591	13,040
United States, total	399,350	221	247,381	8,246	114,326	8,894	10,079	69,920	1,366	42,796	[4]34,556	108,387
Daily average	13,312	7	8,246	X	3,811	296	336	2,330	45	1,426	1,152	3,613

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[1] Includes 22,638 in Delaware River.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: September 1980
(Thousand Barrels)

Location of Refineries Receiving Crude Oil	Total Receipts of Domestic Crude Oil	Intra-state Receipts	PAD Dist. I, Total	Interstate Receipts from																PAD Dist. V Total	United States Total
				PAD District II						PAD District III					PAD District IV						
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
PAD District I:																					
Delaware, Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla., Ga., Va.	137	16	0	0	0	0	0	0	0	71	50	0	0	121	0	0	0	0	0	0	121
New Jersey	283	0	0	0	0	0	0	0	0	0	206	0	0	206	0	0	0	0	0	77	283
New York, New Hamp.	969	0	0	69	0	0	0	0	69	0	724	0	176	900	0	0	0	0	0	0	969
Pennsylvania: East	634	0	0	0	0	0	0	0	0	0	29	0	605	634	0	0	0	0	0	0	634
West	1,786	351	69	325	0	535	405	72	1,337	0	0	0	0	0	0	29	0	0	29	0	1,435
West Virginia	644	183	0	0	0	461	0	0	461	0	0	0	0	0	0	0	0	0	0	0	461
Total	4,453	550	69	394	0	996	405	72	1,867	71	1,009	0	781	1,861	0	29	0	0	29	77	3,903
PAD District II:																					
Illinois	18,498	952	423	1	296	0	419	1,124	1,840	72	1,044	1,999	8,887	12,002	491	731	343	203	1,768	1,513	17,546
Indiana	10,857	206	20	255	0	131	1,389	1,314	3,089	0	190	0	6,049	6.239	0	429	0	874	1,303	0	10,651
Kansas	8,368	3,776	0	0	0	0	45	2,220	2,265	0	0	0	1,165	1,165	57	84	0	524	665	497	4,592
Kentucky, Tennessee	2,321	187	327	579	0	68	0	0	647	154	811	0	192	1,157	0	0	0	3	3	0	2,134
Michigan	2,291	1,875	0	0	0	0	0	0	0	0	78	0	0	78	0	0	0	338	338	0	416
Minnesota, Wisconsin	1,296	0	0	0	0	0	803	0	803	0	0	0	407	407	0	61	0	0	61	25	1,296
Missouri, Nebraska	1,907	2	0	0	0	0	0	36	36	0	0	0	1,716	1,716	0	0	0	153	153	0	1,905
North Dakota	1,455	1,392	0	0	0	0	0	0	0	0	0	0	0	0	0	63	0	0	63	0	63
Ohio: East	826	75	0	34	0	0	0	0	34	0	408	0	225	633	0	0	0	84	84	0	751
West	6,090	0	0	595	0	0	0	0	595	246	2,073	0	2,779	5,098	0	0	0	397	397	0	6,090
Oklahoma	11,300	6,089	0	0	4	0	0	0	4	0	0	49	5,103	5,152	0	0	0	0	0	55	5,211
Total	65,209	14,554	770	1,464	300	199	2,656	4,694	9,313	472	4,604	2,048	26,523	33,647	548	1,368	343	2,576	4,835	2,090	50,655
PAD District III:																					
Alabama	2,299	1,756	192	0	0	0	0	0	0	351	0	0	0	351	0	0	0	0	0	0	543
Arkansas	1,504	1,299	0	0	0	0	0	0	0	0	47	0	3	50	0	0	0	0	0	155	205
Louisiana	28,859	21,708	1,491	0	0	0	0	0	0	697	0	0	2,729	3,426	0	0	0	0	0	2,234	7,151
Mississippi	5,778	1,267	40	0	0	0	0	0	0	1	4,470	0	0	4,471	0	0	0	0	0	0	4,511
New Mexico	2,734	2,690	0	0	0	0	0	0	0	0	0	0	29	29	14	0	1	0	15	0	44
Texas	64,375	53,476	98	0	110	0	0	796	906	756	5,094	625	0	6,475	54	0	177	0	231	3,189	10,899
Total	105,549	82,196	1,821	0	110	0	0	796	906	1,805	9,611	625	2,761	14,802	68	0	178	0	246	5,578	23,353
PAD District IV:																					
Colorado	881	373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	95	406	501	7	508
Montana	2,085	702	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,383	1,383	0	1,383
Utah	3,771	1,352	0	0	0	0	0	0	0	0	0	0	0	0	1,391	0	0	948	2,339	80	2,419
Wyoming	4,753	4,707	0	0	0	0	2	0	2	0	0	0	0	0	44	0	0	0	44	0	46
Total	11,490	7,134	0	0	0	0	2	0	2	0	0	0	0	0	1,435	0	95	2,737	4,267	87	4,356
PAD District V:																					
California	52,218	26,583	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25,635	25,635
Other States	8,462	2,282	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	58	6,122	6,180
Total	60,680	28,865	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	58	31,757	31,815
United States, total	247,381	133,290	[1]2,660	1,858	410	1,195	3,063	5,562	12,088	2,348	15,224	2,673	30,065	50,310	2,051	1,397	674	5,313	9,435	[2]39,589	114,082
Daily average	8,246	4,443	89	62	14	40	102	185	403	78	507	89	1,002	1,677	68	47	22	177	314	1,320	3,803

[1] Florida, 2,568; New York, 67; Virginia, 0; Pennsylvania, 20; West Virginia, 5.
[2] Alaska, 38,968; Arizona, 0; California, 534; Nevada, 87.
Source: Form EIA-87.

Table 21. Production of Natural Gas Plant Liquids in the United States: September 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Product	Total[2]
	Ethane	Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total				
PAD District I:												
East Coast	289	237	0	0	0	152	0	389	109	0	0	787
Appalachian No. 1	94	51	0	8	16	0	0	75	17	224	0	410
Total	383	288	0	8	16	152	0	464	126	224	0	1,197
PAD District II:												
Appalachian No. 2	0	0	0	0	0	0	0	0	0	0	0	
Ind., Ill., etc.	419	479	0	38	86	2	0	605	78	720	1	1,823
Minn., Wisc., etc.	0	98	0	14	31	0	0	143	48	33	0	224
Okla., Kans., etc.	1,226	1,684	114	313	755	90	0	2,956	970	1,047	5	6,204
Total	1,645	2,261	114	365	872	92	0	3,704	1,096	1,800	6	8,251
PAD District III:												
Texas Inland	967	2,912	1,868	744	955	418	31	6,928	2,569	7,341	305	18,110
Texas Gulf	2,630	3,686	2,488	1,169	2,244	74	3	9,664	2,515	-11,810	3	3,002
Louisiana Gulf	2,379	2,154	348	749	713	65	4	4,033	1,513	-92	302	8,135
Ark., La. Inland, etc.	10	142	0	126	159	22	7	456	104	-101	21	490
New Mexico	77	480	122	87	162	82	0	933	341	2,189	2	3,542
Total	6,063	9,374	4,826	2,875	4,233	661	45	22,014	7,042	-2,473	633	33,279
PAD District IV, total	1	452	0	5	77	145	1	680	323	964	29	1,997
PAD District V, total	0	155	0	27	50	0	37	269	292	22	0	583
United States, total	8,092	12,530	4,940	3,280	5,248	1,050	83	27,131	8,879	537	668	45,307

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: September 30, 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Prod-ucts	Total	Stocks of NGL at Refineries	
	Ethane	Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total					LPG	Other
PAD District I:														
East Coast	0	925	0	0	49	24	0	998	1	0	0	999	0	0
Appalachian No. 1	0	3,574	0	47	156	0	0	3,777	9	0	0	3,789	0	2
Total	0	4,499	0	47	205	24	0	4,775	10	0	0	4,788	0	2
PAD District II:														
Appalachian No. 2	0	62	0	0	0	0	0	62	0	0	0	62	331	
Ind., Ill., etc.	22	3,544	0	314	948	2	1	4,809	28	100	1	4,960	92	10
Minn., Wisc., etc.	1,086	1,465	0	2	20	0	360	1,847	18	3	0	2,954	63	78
Okla., Kans., etc.	1,207	22,329	3,056	1,331	6,579	68	134	33,497	2,033	1,907	2	38,646	581	158
Total	2,315	27,400	3,056	1,647	7,547	70	495	40,215	2,079	2,010	3	46,622	1,067	246
PAD District III:														
Texas Inland	723	4,858	201	375	1,517	390	675	8,016	1,131	1,107	307	11,284	138	48
Texas Gulf	926	16,515	9,910	3,754	15,593	1,223	25	47,020	5,863	1,691	2	55,502	1,436	272
Louisiana Gulf	404	5,308	0	1,742	3,919	7	1,185	12,161	1,715	120	114	14,514	661	141
Ark., La. Inland, etc.	1	7,566	0	59	663	320	1	8,609	43	89	45	8,787	11	98
New Mexico	3	436	39	66	77	15	1	634	163	448	1	1,249	6	23
Total	2,057	34,683	10,150	5,996	21,769	1,955	1,887	76,440	8,915	3,455	469	91,336	2,252	582
PAD District IV, total	0	176	0	1	107	31	0	315	169	20	4	508	110	75
PAD District V, total	0	544	0	370	180	145	6	1,245	24	2		1,271	42	14
United States, total	4,372	67,302	13,206	8,061	29,808	2,225	2,388	122,990	11,197	5,487	476	144,522	3,471	919

[1] Includes plant condensate.
Sources: Forms EIA-64, 87, and 89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: September 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mex.	Total	Other Rocky Mt.	West Coast	
Natural gas plant products:																	
Refinery input:																	
Propane	0	0	0	0	69	1	3	73	0	26	152	0	0	178	1	0	252
Butane:																	
Isobutane	16	14	30	84	968	30	506	1,588	254	400	907	100	21	1,682	64	273	3,637
Normal butane	0	32	32	60	224	65	290	639	167	267	483	38	7	962	6	81	1,720
Other	0	0	0	0	219	73	137	429	99	80	65	0	0	244	189	195	1,057
Total	16	46	62	144	1,411	168	933	2,656	520	747	1,455	138	28	2,888	259	549	6,414
Butane-propane mix	0	0	0	0	13	0	0	13	0	127	0	0	5	132	0	41	186
Natural gasoline	13	6	19	0	444	167	1,044	1,655	508	1,851	855	189	103	3,506	164	269	5,613
Unfractionated stream[1]	0	2	2	0	108	0	39	147	45	755	123	278	0	1,201	66	0	1,416
Total	29	54	83	144	2,045	336	2,019	4,544	1,073	3,506	2,585	605	136	7,905	490	859	13,881
*Stocks at refineries:																	
Propane	0	0	0	0	10	0	0	10	0	189	93	0	0	282	30	0	322
Butane:																	
Isobutane	0	0	0	22	47	27	191	287	94	270	211	11	4	590	25	35	937
Normal butane	0	0	0	309	33	34	367	743	38	977	343	0	0	1,358	2	7	2,110
Other	0	0	0	0	0	2	23	25	6	0	10	0	0	16	53	0	94
Total	0	0	0	331	80	63	581	1,055	138	1,247	564	11	4	1,964	80	42	3,141
Butane-propane mix	0	0	0	0	2	0	0	2	0	0	4	0	2	6	0	0	8
Natural gasoline	0	2	2	0	7	78	158	243	44	68	139	30	23	304	24	14	587
Unfractionated stream[1]	0	0	0	0	3	0	0	3	4	204	2	68	0	278	51	0	332
Total	0	2	2	331	102	141	739	1,313	186	1,708	802	109	29	2,834	185	56	4,390
Liquefied refinery gases:																	
Refinery output:																	
Propane and/or propylene:																	
Petrochemical	288	0	288	35	257	0	29	321	0	1,218	68	0	0	1,286	3	214	2,112
Other	692	58	750	0	1,442	137	430	2,009	206	736	870	52	15	1,879	102	710	5,450
Total	980	58	1,038	35	1,699	137	459	2,330	206	1,954	938	52	15	3,165	105	924	7,562
Butane and/or butylene:																	
Petrochemical	20	0	20	0	0	0	1	1	0	171	83	23	0	277	0	18	316
Other	142	0	142	0	9	12	10	31	94	127	88	8	4	321	49	381	924
Total	162	0	162	0	9	12	11	32	94	298	171	31	4	598	49	399	1,240
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	0	3
Other	13	0	13	0	0	0	0	0	4	54	187	0	12	257	0	129	399
Total	13	0	13	0	0	0	0	0	4	56	188	0	12	260	0	129	402
Isobutane	0	0	0	0	0	0	0	0	7	67	0	0	0	74	3	0	77
Total	1,155	58	1,213	35	1,708	149	470	2,362	311	2,375	1,297	83	31	4,097	157	1,452	9,281
*Stocks at refineries:																	
Propane and/or propylene:																	
Petrochemical	71	0	71	2	94	0	3	99	0	6	0	0	0	6	1	0	177
Other	906	9	915	0	1,165	19	341	1,525	97	599	859	5	2	1,562	103	265	4,370
Total	977	9	986	2	1,259	19	344	1,624	97	605	859	5	2	1,568	104	265	4,547
Butane and/or butylene:																	
Petrochemical	0	0	0	0	0	0	0	0	0	3	0	2	0	5	1	0	6
Other	8	4	12	0	146	9	64	219	281	33	39	19	15	387	143	592	1,353
Total	8	4	12	0	146	9	64	219	281	36	39	21	15	392	144	592	1,359
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Other	0	0	0	0	0	0	5	5	0	114	9	0	0	123	1	217	346
Total	0	0	0	0	0	0	5	5	0	114	10	0	0	124	1	217	347
Isobutane	0	0	0	0	0	0	0	0	0	12	0	0	0	12	4	0	16
Total	985	13	998	2	1,405	28	413	1,848	378	767	908	26	17	2,096	253	1,074	6,269

[1] Includes plant condensate.
*Stocks as of September 30, 1980.
Sources: Forms EIA-87 and EIA-64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District
(Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.) 1980	January - September (Incl.) 1979
All PAD Districts:					
Crude oil[1]	9,647	2,412	5,241	75,033	65,572
Motor gasoline[2]	201	31	6	432	121
Jet fuel:					
Naphtha-type	0	0	0	20	1
Kerosene-type	24	40	15	414	168
Total	24	40	15	434	169
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	250	218	138	2,726	1,974
Butane	314	311	141	2,948	1,814
Total	564	529	279	5,674	3,788
Kerosene	11	0	1	21	16
Distillate fuel oil	2	1	45	1,227	1,049
Residual fuel oil	643	50	72	5,489	2,094
Petrochemical feedstocks	879	763	820	7,865	8,234
Special naphthas	9	44	47	1,291	1,492
Lubricants	582	622	703	6,825	6,066
Wax	55	64	166	564	618
Coke	4,032	5,220	4,995	38,719	39,307
Asphalt	31	75	7	212	123
Miscellaneous products	23	23	15	140	123
Total	16,703	9,874	12,412	143,927	128,772
PAD District I:					
Crude oil	0	214	0	1,453	984
Motor gasoline	(s)	2	3	9	9
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	0	1
Ethane	(s)	(s)	0	(s)	0
Liquefied fuel:					
Propane	40	19	20	211	153
Butane	30	21	27	218	196
Total	70	40	47	429	349
Kerosene	1	0	0	4	4
Distillate fuel oil	(s)	(s)	0	9	5
Residual fuel oil	(s)	0	0	253	3
Petrochemical feedstocks	46	58	31	437	353
Special naphthas	2	4	3	30	32
Lubricants	165	109	162	1,747	1,514
Wax	4	5	7	51	75
Coke	276	555	282	3,652	2,110
Asphalt	25	3	3	44	51
Miscellaneous products	15	16	12	113	96
Total	604	1,006	550	8,231	5,586
PAD District II:					
Crude oil	2,311	974	1,571	23,643	19,534
Motor gasoline	0	1	1	2	5
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Liquefied gases:					
Propane	2	(s)	5	123	56
Butane	16	10	12	268	67
Total	18	10	17	391	123
Kerosene	0	0	0	(s)	1
Distillate fuel oil	(s)	0	6	2	15
Residual fuel oil	0	0	0	0	56
Petrochemical feedstocks	25	51	112	505	453
Special naphthas	1	(s)	0	13	15
Lubricants	14	20	14	161	145
Wax	1	(s)	1	9	14
Coke	510	437	460	2,856	3,123
Asphalt	2	60	1	115	13
Miscellaneous products	(s)	(s)	0	(s)	2
Total	2,882	1,553	2,183	27,697	23,499

---

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[2] Exports of "Aviation gasoline" are included with "Motor gasoline."

(s) Less than 500 barrels.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District - Continued (Thousand Barrels)

Item	September 1980	August 1980	September 1979	January - September (Incl.) 1980	January - September (Incl.) 1979
PAD District III:					
Crude oil	0	0	0	3,327	0
Motor gasoline	197	(s)	0	197	0
Jet fuel:					
Naphtha-type	0	0	0	20	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	20	1
Ethane	0	0	0	(s)	0
Liquefied gases:					
Propane	137	152	54	1,599	922
Butane	201	213	77	2,025	1,435
Total	338	365	131	3,624	2,357
Kerosene	(s)	0	1	2	4
Distillate fuel oil	1	1	0	1,112	1
Residual fuel oil	599	(s)	0	3,515	0
Petrochemical feedstocks	418	539	673	5,765	5,815
Special naphthas	4	38	42	1,220	1,424
Lubricants	341	411	476	4,129	3,818
Wax	46	52	147	444	469
Coke	1,743	1,247	2,502	14,522	16,254
Asphalt	2	9	1	28	15
Miscellaneous products	5	5	3	22	25
Total	3,694	2,667	3,976	37,927	30,183
PAD District IV:					
Crude oil	0	0	90	328	649
Liquefied gases:					
Propane	0	0	0	0	2
Butane	0	0	0	0	2
Total	0	0	0	0	4
Kerosene	0	0	0	0	0
Petrochemical feedstocks	(s)	1	0	5	1
Special naphthas	0	0	0	0	0
Lubricants	1	(s)	1	11	7
Coke	0	0	0	0	0
Asphalt	1	1	0	5	5
Miscellaneous products	(s)	0	0	(s)	0
Total	2	2	91	349	666
PAD District V:					
Crude oil	7,336	1,224	3,580	46,282	44,405
Motor gasoline	4	28	2	224	107
Jet fuel:					
Naphtha-type	0	0	0	0	1
Kerosene-type	24	40	15	414	166
Total	24	40	15	414	167
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	71	47	59	793	841
Butane	67	67	25	437	114
Total	138	114	84	1,230	955
Kerosene	10	0	0	15	7
Distillate fuel oil	1	(s)	39	104	1,028
Residual fuel oil	44	50	72	1,721	2,035
Petrochemical feedstocks	390	114	4	1,153	1,612
Special naphthas	2	2	2	28	21
Lubricants	61	82	50	777	582
Wax	4	7	11	60	60
Coke	1,503	2,981	1,751	17,689	17,820
Asphalt	1	2	2	20	39
Miscellaneous products	3	2	0	5	0
Total	9,521	4,646	5,612	69,723	68,838

(s) Less than 500 barrels.
Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

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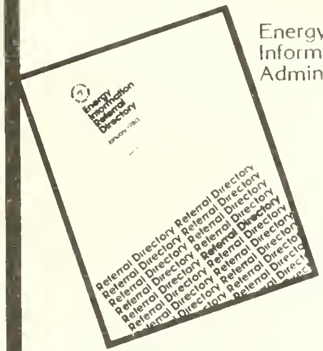

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

October 1980

Production of crude petroleum (including lease condensate) in the United States during October averaged 8,536 thousand barrels per day, a decrease of 83 thousand barrels per day below the September level, reports the Energy Information Administration, United States Department of Energy. Compared with October of last year, this represented a decrease of 85 thousand barrels per day, or 1.0 percent. Imports of crude oil for the month of October averaged 4,701 thousand barrels per day, representing a decrease of 6 thousand barrels per day below the September 1980 level and a decrease of 2,189 thousand barrels per day, or 31.8 percent below the amount reported for October 1979. There were 4,050 thousand barrels of crude oil imported into the Strategic Petroleum Reserve during October 1980. Stocks of crude oil at the end of October totaled 475,133 thousand barrels as compared with 468,813 thousand barrels at the end of the previous month and 436,045 thousand barrels at the end of October 1979. At the end of October, stocks of crude oil in the Strategic Petroleum Reserve amounted to 96,645 thousand barrels.

The average gross input to crude oil distillation units during October was 13,000 thousand barrels per day. This figure reflects a decrease of 597 thousand barrels per day, or 4.4 percent below that reported for September 1980 and a decrease of 1,772 thousand barrels per day, or 12.0 percent below the October 1979 level. The operating ratio of refineries in the United States during October averaged 70.8 percent of the total operable crude oil distillation capacity. This compares with 74.1 percent in September 1980 and 82.9 percent in October of 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,373 thousand barrels per day for October, 18,358 thousand barrels per day for September 1980, and 17,815 thousand barrels per day for October 1979.

Production of products at natural gas processing plants during October averaged 1,498 thousand barrels per day, compared with 1,510 thousand barrels per day for the previous month and 1,607 thousand barrels per day during October 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of October totaled 140,911 thousand barrels. This was 3.6 million barrels below the stocks of September 30, 1980 and 11.5 million barrels above those at the end of October 1979.

Total disposition of primary supply of all oils in October averaged 17,522 thousand barrels per day. It included 16,911 thousand barrels per day of products supplied for domestic use, crude oil exports of 309 thousand barrels per day, refined products exports of 288 thousand barrels per day, and crude oil losses of 14 thousand barrels per day. Compared with October of last year, total products supplied for domestic use decreased by 1,265 thousand barrels per day, or 7.0 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 39, 17, and 13 percent, respectively, of the total products supplied for domestic use.

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The unadjusted producer price index (1967=100) for crude petroleum was 579.6 for October 1980, compared with 570.8 for September 1980, and 436.7 for October 1979, reports the Bureau of Labor Statistics publication, "Producer Price Indexes--October 1980." The unadjusted producer price index for refined products was 689.6 for October 1980, compared with 695.5 for September 1980, and 533.4 for October 1979.

Note: Throughout this publication, the United States is defined as the 50 states and the District of Columbia. The Hawaiian Foreign Trade Zone is not included.

Prepared March 23, 1981 in the Office of Oil and Gas Statistics.
Released for printing: March 30, 1981

TABLES

1. Supply, Disposition, and Stocks of All Oils 3
2. Comparative Supply and Disposition Statistics 4-7
3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District 8
4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State 8
5. Production of Lease Condensate by State 9
6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States 9
7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District 9
8. Stocks of Crude Oil by State of Origin and Location 10
9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns 10
10. Refinery Input and Output 11
11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals 12
12. Transportation of Petroleum Products by Pipeline 13
13. Movements of Petroleum Products by Pipeline Between PAD Districts .. 14
14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products 15-16
15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region 17
16. Imports of Foreign Crude Oil 18-19
17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District 20-21
18. Imports of Plant Condensate and Unfinished Oils 21
19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation 22
20. Refinery Receipts of Domestic Crude Oil, by States and PAD Districts 23
21. Production of Natural Gas Plant Liquids in the United States 24
22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States 25
23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product 26
24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District 27-28

Table 1. Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

Item		October 1980		September 1980		October 1979	January - October (Incl.)	
		Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	49,228	1,588	48,303	1,610	1,480	495,210	415,838
(2)	Lower 48 states	215,386	6,948	210,277	7,009	7,141	2,129,479	2,175,604
(3)	Total U.S.	264,614	8,536	258,580	8,619	8,621	2,624,689	2,591,442
	Imports:							
(4)	Imports (gross excl. SPR)[2]	141,675	4,570	139,604	4,653	6,890	1,608,604	1,972,409
(5)	SPR imports	4,050	131	1,617	54	0	5,667	24,434
(6)	Exports[3]	-9,586	-309	-9,647	-322	-179	-84,619	-71,109
(7)	Imports (net including SPR)	136,139	4,392	131,574	4,386	6,711	1,529,652	1,925,734
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-3,821	-123	-1,633	-54	(s)	-5,454	-24,331
(9)	Other stock withdrawals (plus) or additions (minus)	-2,499	-81	+11,616	+387	-675	-39,408	-35,433
(10)	Used directly & losses	-763	-25	-784	-26	-26	-8,716	-9,048
(11)	Unaccounted for[4]	+2,425	+78	-3	(s)	-209	+17,262	+731
(12)	Total other source	-4,658	-150	+9,196	+307	-910	-36,316	-68,081
(13)	Crude input to refineries (13) = (3) + (7) + (12)	396,095	12,777	399,350	13,312	14,423	4,118,025	4,449,095
	Natural gas plant liquids (NGPL):							
(14)	Production	46,436	1,498	45,307	1,510	1,607	476,912	477,351
(15)	Imports	393	13	289	10	12	3,218	3,875
(16)	Stock withdrawals (plus) or additions (minus)	-303	-10	+951	+32	-31	-3,617	-2,841
(17)	Total NGPL Supply	46,526	1,501	46,547	1,552	1,588	476,513	478,385
	Other liquids:							
	Unfinished oils:							
(18)	Imports	1,037	33	1,051	35	76	17,597	15,228
	Stock withdrawals (plus) or additions (minus)	+988	+32	-2,480	-83	-30	-13,437	-5,979
(20)	Net reruns, input (plus) output (minus)	+2,025	+65	-1,429	-48	+46	+4,160	+9,249
(21)	Other hydrocarbons	1,369	44	1,478	49	62	14,931	12,902
(22)	Refinery processing gain	16,152	521	20,357	679	519	179,571	155,081
(23)	Crude used directly	337	11	355	12	11	4,299	4,299
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	19,883	641	20,761	692	637	202,961	181,531
(25)	Total production of refined products (25) = (13) + (17) + (24)	462,504	14,919	466,658	15,555	16,648	4,797,499	5,109,011
	Refined product imports:							
(26)	Imports (gross)	48,250	1,556	42,918	1,431	1,710	460,712	558,827
(27)	Exports	-8,937	-288	-7,056	-235	-247	-77,831	-70,841
(28)	Imports (net)	39,313	1,268	35,862	1,195	1,464	382,881	487,986
(29)	Total new supply of products (29) = (25) + (28)	501,817	16,188	502,520	16,751	18,112	5,180,380	5,596,997
(30)	Refined products stock withdrawn (plus) or added (minus)	+22,421	+723	-6,082	-203	+64	-25,880	+24,117
(31)	Total products supplied for domestic use (31) = (29) + (30)	524,238	16,911	496,438	16,548	18,176	5,154,500	5,621,114
	Major refined products supplied:							
(32)	Motor gasoline	206,527	6,662	195,331	6,511	7,020	2,015,342	2,155,204
(33)	Distillate fuel oil	90,467	2,918	77,695	2,590	3,119	848,087	996,091
(34)	Residual fuel oil	68,932	2,224	70,812	2,360	2,540	754,372	853,718
(35)	Jet fuel, total	32,149	1,037	31,669	1,056	1,055	326,658	326,420
(36)	Liquefied gases	38,016	1,226	30,130	1,004	1,337	328,448	369,025
(37)	Other	88,147	2,843	90,801	3,027	3,105	881,593	920,656
(38)	Total products supplied (38) = (32) through (37)	524,238	16,911	496,438	16,548	18,176	5,154,500	5,621,114
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	378,488	--	375,989	--	*344,854	--	--
(40)	Strategic petroleum reserve (SPR)	96,645	--	92,824	--	*91,191	--	--
(41)	Unfinished oils	131,089	--	132,077	--	*114,710	--	--
(42)	Natural gasoline[5] and unfractionated stream[6]	17,906	--	17,603	--	*13,964	--	--
(43)	Refined products	805,605	--	828,026	--	*764,919	--	--
(44)	Total	1,429,733	--	1,446,519	--	*1,329,638	--	--

[1] Daily Average columns may not add due to independent rounding.

[2] Imports of crude oil include some Athabasca hydrocarbons.

[3] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[4] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[5] Includes isopentane.

[6] Includes plant condensate.

*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

Sources: Forms ERA-60, ERA-182, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, EIA-90, and EIA-170; Bureau of Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics
(Thousand 8arrels)

Item	October 1980		September 1980		October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Gross input to crude oil distillation units	402,992	13,000	407,901	13,597	14,772	4,212,404	4,539,350
Isopentane							
Production	878	28	780	26	28	7,360	8,041
Stocks at plants	880	--	962	--	*320	880	320
Used at refineries	960	31	825	28	27	7,787	7,885
Supplied for domestic use	0	0	0	0	0	1	0
Natural Gasoline							
Production	6,268	202	8,099	270	236	79,734	77,350
Stocks:							
At refineries	2,361	--	587	--	*892	2,361	892
At plants	9,732	--	10,235	--	*8,207	9,732	8,207
Total	12,093	--	10,822	--	*9,099	12,093	9,099
Imports	0	0	0	0	0	0	0
Used at refineries	4,660	150	4,788	160	183	46,927	55,260
Supplied for domestic use	337	11	3,618	121	31	30,272	19,739
Unfractionated Stream (Including Plant Condensate)							
Production	606	20	537	18	51	13,797	16,159
Stocks:							
At refineries	211	--	332	--	*537	211	537
At plants	4,722	--	5,487	--	*4,008	4,722	4,008
Total	4,933	--	5,819	--	*4,545	4,933	4,545
Imports	393	13	289	10	12	3,218	3,875
Used at refineries	1,868	60	1,416	47	54	16,403	19,584
Supplied for domestic use	17	1	9	(s)	(s)	102	116
Total Finished Gasoline							
Production:							
At refineries	190,925	6,159	191,960	6,399	6,525	1,987,290	2,089,440
At gas processing plants	285	9	454	15	20	4,869	5,340
Total	191,210	6,168	192,414	6,414	6,545	1,992,159	2,094,780
Stocks:							
At refineries	248,977	--	260,780	--	*220,828	248,977	220,828
At plants	171	--	250	--	*215	171	215
Total	249,148	--	261,030	--	*221,043	249,148	221,043
Imports	4,700	152	3,176	106	150	43,515	523,377
Exports	30	1	201	7	14	462	135
Supplied for domestic use	207,762	6,702	196,544	6,551	7,058	2,026,404	2,166,981
Motor Gasoline							
Production:							
At refineries	189,857	6,124	191,071	6,369	6,483	1,976,820	2,078,569
At gas processing plants	218	7	422	14	17	4,365	4,485
Total	190,075	6,131	191,493	6,383	6,500	1,981,185	2,083,054
Stocks:							
At refineries	246,422	--	258,135	--	*218,065	246,422	218,065
At plants	95	--	164	--	*113	95	113
Total	246,517	--	258,299	--	*218,178	246,517	218,178
Imports	4,700	152	3,176	106	150	43,515	52,370
Exports	30	1	201	7	14	462	135
Supplied for domestic use	206,527	6,662	195,331	6,511	7,020	2,015,342	2,155,204
Aviation Gasoline							
Production:							
At refineries	1,068	34	889	30	42	10,470	10,871
At gas processing plants	67	2	32	1	3	504	855
Total	1,135	37	921	31	45	10,974	11,726
Stocks:							
At refineries	2,555	--	2,645	--	*2,763	2,555	2,763
At plants	76	--	86	--	*102	76	102
Total	2,631	--	2,731	--	*2,865	2,631	2,865
Imports	0	0	0	0	0	0	0
Supplied for domestic use	1,235	40	1,213	40	380	11,062	11,777
Total Jet Fuel							
Production	30,299	977	31,222	1,041	1,046	306,105	305,134
Stocks	43,177	--	42,159	--	*34,920	43,177	34,920
Imports	2,891	93	2,299	77	90	25,667	22,716
Exports	23	1	24	1	0	457	175
Supplied for domestic use	32,149	1,037	31,669	1,056	1,055	326,658	326,420
Naphtha-Type Jet Fuel							
Production:							
At refineries	5,758	186	5,814	194	189	56,903	53,307
At gas processing plants	0	0	0	0	0	0	0
Total	5,758	186	5,814	194	189	56,903	53,307
Stocks:							
At refineries	6,430	--	6,620	--	*5,195	6,430	5,195
At plants	0	--	0	--	*0	0	0
Total	6,430	--	6,620	--	*5,195	6,430	5,195
Imports	486	16	765	26	33	9,619	5,869
Exports	0	0	0	0	0	20	0
Supplied for domestic use	6,434	208	6,650	222	205	65,666	59,938
Kerosene-Type Jet Fuel							
Production	24,541	792	25,408	847	857	249,202	251,827
Stocks	36,747	--	35,539	--	*31,250	36,747	31,250
Imports	2,405	27	1,534	51	57	16,048	16,847
Exports	23	1	24	1	0	437	174
Supplied for domestic use	25,715	779	25,019	834	849	260,992	266,482

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition - Continued
(Thousand Barrels)

Item	October 1980		September 1980		October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Ethane (Including Ethylene)							
Production:							
At refineries	116	4	151	5	5	1,605	2,285
At gas processing plants	8,772	283	8,092	270	284	85,214	86,752
Total	8,888	287	8,243	275	288	86,819	89,037
Stocks:							
At refineries	0	--	0	--	*0	0	0
At plants	4,731	--	4,372	--	*6,416	4,731	6,416
Total	4,731	--	4,372	--	*6,416	4,731	6,416
Imports	2,478	80	1,239	41	27	16,289	14,517
Exports	0	0	0	0	0	1	0
Supplied for domestic use:							
Refinery ethane/ethylene	116	4	151	5	305	1,605	2,285
Plant ethane	10,891	351	9,363	312	5	102,528	101,701
Total	11,007	355	9,514	317	300	104,133	103,986
Total Liquefied Gases							
Production:							
At refineries (LRG):							
For fuel use	6,772	218	6,773	226	230	72,144	70,340
For chemical use	2,394	77	2,508	84	86	26,671	31,194
Total	9,166	296	9,281	309	316	98,815	101,534
At gas processing plants (LPG)	29,429	949	27,131	904	980	283,712	281,281
Total	38,595	1,245	36,412	1,214	1,296	382,527	382,815
Stocks:							
LRG:							
For fuel use	6,009	--	6,069	--	*6,246	6,009	6,246
For chemical use	133	--	200	--	*117	133	117
Total	6,142	--	6,269	--	*6,363	6,142	6,363
LPG:							
At refineries	3,138	--	3,471	--	*3,324	3,138	3,324
At plants	120,475	--	122,990	--	*110,129	120,475	110,129
Total	123,613	--	126,461	--	*113,453	123,613	113,453
Total	129,755	--	132,730	--	*119,816	129,755	119,816
Imports	5,244	169	3,519	117	154	43,767	49,134
Exports	758	24	564	19	14	6,432	4,207
LPG used at refineries	8,040	259	6,852	228	239	66,797	68,158
Supplied for domestic use:							
LRG for fuel use	6,832	220	7,324	244	242	72,011	71,239
LRG for chemical use	2,461	79	2,544	85	89	26,662	31,345
LPG for fuel and chemical use	28,723	927	20,262	675	1,006	229,775	266,441
Total	38,016	1,226	30,130	1,004	1,337	328,448	369,025
Propane (Including Propylene)							
Production:							
At refineries:							
For fuel use	5,793	187	5,450	182	194	59,225	57,402
For chemical use	2,007	65	2,112	70	66	21,838	24,566
Total	7,800	252	7,562	252	260	81,063	81,968
At gas processing plants	13,579	438	12,530	418	462	131,699	136,184
Total	21,379	690	20,092	670	722	212,762	218,152
Stocks:							
Refinery propane/propylene:							
For fuel use	4,315	--	4,370	--	*4,358	4,315	4,358
For chemical use	113	--	177	--	*87	113	87
Total	4,428	--	4,547	--	*4,445	4,428	4,445
Plant propane:							
At refineries	503	--	322	--	*400	503	400
At plants	65,717	--	67,302	--	*67,732	65,717	67,732
Total	66,220	--	67,624	--	*68,132	66,220	68,132
Total	70,648	--	72,171	--	*72,577	70,648	72,577
Imports	3,430	111	1,681	56	87	19,681	25,018
Exports	273	9	250	8	7	2,999	2,198
Plant propane used at refineries	311	10	252	8	12	3,864	4,138
Supplied for domestic use:							
Refinery propane/propylene:							
For fuel use	5,848	189	5,994	200	205	58,947	57,958
For chemical use	2,071	67	2,152	72	69	21,832	24,716
Total	7,919	255	8,146	272	274	80,779	82,674
Plant propane	17,829	575	11,016	367	637	137,946	167,517
Total	25,748	831	19,162	639	911	218,725	250,191
Butane (Including Butylene)							
Production:							
At refineries:							
For fuel use	709	23	924	31	26	9,808	10,383
For chemical use	298	10	316	11	14	3,973	4,515
Total	1,007	33	1,240	41	40	13,781	14,898
At gas processing plants	6,764	218	6,298	210	227	63,432	63,760
Total	7,771	251	7,538	251	267	77,213	78,658
Stocks:							
Refinery butane/butylene:							
For fuel use	1,326	--	1,353	--	*1,547	1,326	1,547
For chemical use	7	--	6	--	*18	7	18
Total	1,333	--	1,359	--	*1,565	1,333	1,565
Plant butane:							
At refineries	1,798	--	2,204	--	*2,033	1,798	2,033
At plants	31,364	--	32,033	--	*26,600	31,364	26,600
Total	33,162	--	34,237	--	*28,633	33,162	28,633
Total	34,495	--	35,596	--	*30,198	34,495	30,198
Imports	1,362	44	1,126	38	61	15,762	17,333
Exports	485	16	314	10	6	3,433	2,009
Plant butane used at refineries	3,574	115	2,777	93	31,437	28,545	31,437
Supplied for domestic use:							
Refinery butane/butylene:							
For fuel use	736	24	939	31	27	9,986	10,925
For chemical use	297	9	316	11	14	3,973	4,515
Total	1,033	33	1,255	42	41	13,959	15,440
Plant butane	5,142	166	4,275	142	166	37,823	40,319
Total	6,175	199	5,530	184	207	51,782	55,759

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics - Continued
(Thousand Barrels)

Item	October 1980		September 1980		October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
			Butane-Propane Mixture				
Production:							
At refineries:							
For fuel use	270	9	399	13	10	3,111	2,555
For chemical use	5	(s)	3	(s)	(s)	81	363
Total	275	9	402	13	10	3,192	2,918
At gas processing plants	118	4	83	3	3	1,114	952
Total	393	13	485	16	13	4,306	3,870
Stocks:							
Refinery butane-propane mixture:							
For fuel use	368	--	346	--	*341	368	341
For chemical use	3	--	1	--	*1	3	1
Total	371	--	347	--	*342	371	342
Plant butane-propane mixture:							
At refineries	9	--	8	--	*7	9	7
At plants	2,321	--	2,388	--	*1,695	2,321	1,695
Total	2,330	--	2,396	--	*1,702	2,330	1,702
Total	2,701	--	2,743	--	*2,044	2,701	2,044
Imports	452	15	712	24	6	8,324	6,783
Plant butane-propane mixture used at refineries	239	8	186	6	2	2,061	1,896
Supplied for domestic use:							
Refinery butane-propane mixture:							
For fuel use	248	8	391	13	10	3,078	2,356
For chemical use	3	(s)	3	(s)	0	79	364
Total	251	8	394	13	10	3,157	2,720
Plant butane-propane mixture	397	13	407	14	2	6,429	5,570
Total	648	21	801	27	12	9,586	8,290
			Ethane-Propane Mixture				
Production	5,397	174	4,940	165	180	55,508	48,801
Stocks	13,248	--	13,206	--	*5,694	13,248	5,694
Imports	0	0	0	0	0	0	0
Supplied for domestic use	5,355	173	4,562	152	202	47,577	53,035
			Isobutane				
Production:							
At refineries	84	3	77	3	6	779	1,750
At gas processing plants	3,571	115	3,280	109	108	31,959	31,584
Total	3,655	118	3,357	112	115	32,738	33,334
Stocks:							
Refinery isobutane	10	--	16	--	*11	10	11
Plant isobutane:							
At refineries	828	--	937	--	*884	828	884
At plants	7,825	--	8,061	--	*8,408	7,825	8,408
Total	8,653	--	8,998	--	*9,292	8,653	9,292
Total	8,663	--	9,014	--	9,303	8,663	9,303
Plant isobutane used at refineries	3,916	126	3,637	121	94	32,321	30,687
Supplied for domestic use:							
Refinery isobutane for chemical use	90	3	73	2	7	778	1,750
			Kerosene (Including Range Oil)				
Production:							
At refineries	3,845	124	3,551	118	181	41,162	55,529
At gas processing plants	3	(s)	3	(s)	(s)	29	34
Total	3,848	124	3,554	118	181	41,191	55,563
Stocks:							
At refineries	12,436	--	12,943	--	*15,108	12,436	15,108
At plants	2	--	2	--	*2	2	2
Total	12,438	--	12,945	--	*15,110	12,438	15,110
Imports	138	5	0	0	15	2,653	2,377
Exports	3	(s)	11	(s)	(s)	24	22
Supplied for domestic use	4,490	145	3,931	131	181	47,206	57,138
			Distillate Fuel Oil				
Production:							
At refineries	80,270	2,590	80,603	2,687	3,251	804,109	953,579
At gas processing plants	12	(s)	14	(s)	1	140	144
Total	80,282	2,590	80,617	2,687	3,251	804,249	953,723
Crude used directly as distillate	43	1	49	2	1	453	453
Stocks:							
At refineries:							
No. 4 fuel oil	3,589	--	3,562	--	*3,794	3,589	3,794
Other	222,122	--	228,748	--	*227,262	222,122	227,262
Total	225,711	--	232,310	--	*231,056	225,711	231,056
At plants	20	--	17	--	*17	20	17
Total	225,731	--	232,327	--	*231,073	225,731	231,073
Imports	3,553	115	3,028	101	211	41,627	57,603
Exports	7	(s)	12	(s)	1	1,234	1,077
Supplied for domestic use	90,467	2,918	77,695	2,590	3,119	848,087	996,091
			Residual Fuel Oil				
Production	46,907	1,513	44,903	1,497	1,629	479,248	504,780
Crude used directly as residual	294	10	306	10	9	3,846	3,894
Stocks	90,989	--	87,876	--	*91,611	90,989	91,611
Imports	[2]27,009	871	27,173	906	1,042	274,062	349,151
Exports	2,165	70	643	21	18	7,654	2,642
Supplied for domestic use	68,932	2,224	70,812	2,360	2,540	754,372	853,718
			Petrochemical Feedstocks[3]				
Production	18,589	600	17,134	571	705	214,640	207,292
Stocks	7,783	--	8,612	--	*4,273	7,783	4,273
Imports:							
Naphtha-400	0	0	0	0	0	0	0
Other	1,379	45	1,374	46	9	7,267	3,231
Total	1,379	45	1,374	46	9	7,267	3,231
Exports:							
Naphtha-400	107	3	195	6	4	1,625	1,370
Other	614	20	684	23	24	6,961	7,731
Total	721	23	879	29	28	8,586	9,101
Supplied for domestic use:							
Still gas	1,282	41	1,265	42	43	13,027	10,874
Naphtha-400	7,843	253	6,762	225	237	73,191	71,547
Other	10,951	353	9,565	319	395	123,315	119,170
Total	20,076	647	17,592	586	675	209,533	201,591

[1] Daily Average columns may not add due to independent rounding.
[2] Includes foreign crude oil to be burned as fuel: 129.
[3] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are excluded and are included with data under items "Ethane" and "Liquefied gases."
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition Statistics — Continued
(Thousand Barrels)

Item	October 1980		September 1980		October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Special Naphthas							
Production:							
At refineries	3,033	98	2,421	81	96	29,245	28,813
At gas processing plants	90	3	111	4	4	1,147	1,183
Total	3,123	101	2,532	84	99	30,392	29,996
Stocks:							
At refineries	4,689	--	4,927	--	*3,593	4,689	3,593
At plants	93	--	149	--	*72	93	72
Total	4,782	--	5,076	--	*3,665	4,782	3,665
Imports	136	4	631	21	1	1,872	3,278
Exports	120	4	9	(s)	5	1,411	1,650
Supplied for domestic use	3,433	111	2,874	96	108	30,329	32,082
Lubricants							
Production	5,296	171	5,381	179	200	54,681	59,179
Stocks	13,221	--	13,732	--	*11,626	13,221	11,626
Imports	328	11	213	7	5	2,253	2,857
Exports:							
Grease	24	1	31	1	1	208	221
Oil	609	19	551	18	22	7,250	6,547
Total	633	20	582	19	23	7,458	6,768
Supplied for domestic use	5,502	178	4,875	162	188	48,804	55,875
Wax[2]							
Production	576	19	518	17	19	5,244	5,736
Stocks	492	--	552	--	*649	492	649
Imports	0	0	0	0	0	0	0
Exports	72	2	55	2	2	636	692
Supplied for domestic use	564	18	529	18	18	4,847	5,154
Coke[3]							
Production:							
Marketable coke	5,718	185	6,078	203	198	62,630	62,052
Catalyst coke	5,212	168	5,141	171	155	50,184	51,797
Total	10,930	353	11,219	374	353	112,814	113,849
Stocks	4,868	--	5,211	--	*5,261	4,868	5,261
Exports	4,375	141	4,032	134	154	43,094	44,080
Supplied for domestic use	6,898	223	7,730	258	256	70,062	75,576
Asphalt[4]							
Production	12,598	406	13,821	461	545	121,106	143,180
Stocks	16,058	--	19,052	--	*16,144	16,058	16,144
Imports	217	7	146	5	5	1,190	1,313
Exports	10	(s)	31	1	1	222	154
Supplied for domestic use	15,799	510	17,342	578	29	125,057	149,084
Road Oil							
Production	367	12	336	11	3	2,344	1,422
Stocks	346	--	336	--	*130	346	130
Supplied for domestic use	357	12	304	10	4	2,342	1,520
Still Gas for Fuel							
Production	14,978	483	16,744	558	551	164,590	171,835
Miscellaneous Products							
Production:							
At refineries	3,274	106	4,392	146	127	30,597	33,627
At gas processing plants	93	3	86	3	4	910	1,067
Total	3,367	109	4,478	149	130	31,507	34,694
Stocks:							
At refineries	2,001	--	1,958	--	*3,151	2,001	3,151
At plants	85	--	58	--	*31	85	31
Total	2,086	--	2,016	--	*3,182	2,086	3,182
Imports	177	6	120	4	(s)	550	273
Exports	20	1	23	1	(s)	160	138
Supplied for domestic use	3,454	111	4,526	151	122	33,253	35,183
Unfinished Oils (Net)							
Input (plus) Output (minus)	+2,025	+65	-1,429	-48	+46	+4,160	+9,249
Stocks	131,089	--	132,077	--	*114,710	131,089	114,710
Imports	1,037	34	1,051	35	76	17,597	15,228

[1] Daily Average columns do not add due to independent rounding.
[2] For Wax, 1 barrel = 280 pounds.
[3] For Coke, 5 barrels = 1 short ton.
[4] For Asphalt, 5.5 barrels = 1 short ton.
*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.
Note: "Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and product pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.
Sources: Forms ERA-60, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, and EIA-90; Bureau of Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District[1]
(Thousand Barrels)

State and PAD District	October 1980		September 1980	October	January - October (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
PAD District I:						
Florida	3,643	117.5	115.9	3,834	35,643	39,494
New York	E69	2.2	2.2	73	707	706
Pennsylvania	E225	7.3	7.3	216	3,D33	2,435
Virginia	0	0.0	0.0	0	0	4
West Virginia	E205	6.6	6.6	223	1,855	1,991
Total	E4,142	133.6	131.9	4,346	41,238	44,630
PAD District II:						
Illinois	1,975	63.7	62.3	1,836	19,038	18,014
Indiana	E396	12.8	12.8	463	3,848	4,036
Kansas	5,230	168.7	171.6	4,935	5D,002	47,283
Kentucky	529	17.1	17.5	508	4,896	4,577
Michigan	2,376	76.7	92.0	3,120	27,098	28,987
Missouri	E6	0.2	D.2	7	59	77
Nebraska	540	17.4	17.8	538	5,224	5,107
North Dakota	3,076	99.2	115.1	2,818	32,768	25,228
Ohio	E1,035	33.4	33.4	994	10,482	10,080
Oklahoma	13,080	421.9	495.3	12,231	125,671	119,330
South Dakota	58	1.9	2.1	74	659	718
Tennessee	69	2.2	2.4	43	601	506
Total	E28,370	915.2	1,022.5	27,567	280,346	263,943
PAD District III:						
Alabama	1,909	61.6	63.7	1,615	18,D61	15,662
Arkansas	1,509	48.7	48.5	1,609	15,155	15,727
Louisiana:						
Gulf Coast	36,564	1,179.5	1,165.9	39,015	365,282	378,865
Rest of State	2,600	83.9	81.8	2,794	27,025	26,438
Total	39,164	1,263.4	1,247.7	41,809	392,307	405,303
Mississippi	E2,965	95.7	96.8	3,177	30,812	31,019
New Mexico:						
Southeastern	5,763	185.9	182.7	6,327	58,061	61,101
Northwestern	531	17.1	15.4	562	5,104	5,077
Total	6,294	203.0	198.1	6,889	63,165	66,178
Texas:						
District 01	1,715	55.3	51.8	1,643	16,110	15,940
District 02	3,885	125.3	125.6	4,348	39,729	44,395
District 03	11,148	359.6	344.7	10,446	105,321	108,244
District 04	2,516	81.2	81.7	2,615	25,318	25,623
District 05	845	27.3	25.9	955	8,853	9,903
District 06, except East Texas	3,995	128.9	126.7	4,459	41,481	44,791
East Texas	4,940	159.4	159.8	5,075	48,995	50,362
District 078	2,410	77.7	74.3	2,387	23,659	23,534
District 07C	2,678	86.4	82.5	2,621	26,168	25,302
District 08	20,397	658.0	657.6	21,026	201,253	207,578
District 08A	23,169	747.4	755.4	25,159	233,853	251,966
District 09	2,780	89.7	90.1	2,854	27,989	27,509
District 10	1,605	51.8	51.8	1,579	15,674	15,740
Total	82,083	2,647.8	2,627.9	85,167	814,403	85D,887
Total	E133,924	4,320.1	4,282.6	140,266	1,333,903	1,384,776
PAD District IV:						
Colorado	E2,502	80.7	81.9	2,690	24,724	27,056
Montana	2,35D	75.8	75.4	2,620	24,427	24,746
Utah	2,031	65.5	63.8	2,442	20,935	23,257
Wyoming	E11,194	361.1	361.1	11,427	107,282	112,549
Total	E18,077	583.1	582.2	19,179	177,368	187,608
PAD District V:						
Alaska[3]	49,228	1,588.0	1,610.1	45,881	495,210	415,838
Arizona	32	1.0	1.0	38	345	384
California:						
South	6,991	225.5	222.4	7,377	69,459	73,882
Central Coastal	4,983	160.7	159.8	5,112	48,525	50,486
East Central	18,734	604.3	602.5	17,374	177,204	168,646
North	17	0.6	0.6	19	173	202
Total	30,725	991.1	985.3	29,882	295,361	293,216
Nevada	E116	3.7	3.7	97	918	1,047
Total	E80,101	2,583.9	2,600.1	75,898	791,834	710,485
United States, total	E264,614	8,535.9	8,619.3	267,256	2,624,689	2,591,442
Pennsylvania Grade (included above)	1,182	38.1	38.1	1,178	12,783	11,886

[1] Includes offshore production.
[2] Daily Average columns may not add due to independent rounding.
[3] North Slope Production: Current month, 46,230; Year-to-date, 466,044.
E=Estimate.
Sources: Form ERA-182, State Conservation Agencies, and the U.S. Geological Survey.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State[1]
(Thousand Barrels)

State	October 1980		September 1980	October	January - October (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
Alaska[3]	2,677	86.4	83.0	2,952	27,209	32,558
California:						
Federal	844	27.2	27.8	924	8,401	9,193
State	3,324	107.2	106.1	3,533	33,496	34,914
Total	4,168	134.5	133.9	4,457	41,897	44,107
Louisiana:						
Federal	21,750	7D1.6	686.6	22,910	214,963	215,230
State	2,382	76.8	76.7	2,431	23,181	24,597
Total	24,132	778.5	763.3	25,341	238,144	239,827
Texas:						
Federal	1,071	34.6	32.8	256	7,003	2,557
State	143	4.6	4.8	178	1,674	2,115
Total	1,214	39.2	37.6	434	8,677	4,672
United States, total	32,191	1,038.4	1,017.8	33,184	315,927	321,164

[1] These production data are included in Table 3.
[2] Daily Average columns may not add due to independent rounding.
[3] All offshore production within State boundaries.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State[1]
(Thousand Barrels)

State	October 1980		September 1980	October 1979	January - October (Incl.)	
	Total	Daily Av.	Daily Av.		1980	1979
Alabama	1,073	34.6	36.0	581	9,907	6,818
California	15	0.5	0.5	19	167	179
Louisiana	6,187	199.6	188.5	6,425	61,185	62,272
Mississippi	E391	12.6	12.8	201	2,098	1,611
New Mexico	459	14.8	14.0	443	4,465	4,028
Oklahoma	800	25.8	28.7	574	6,113	5,157
Texas	3,216	103.7	103.1	3,123	31,270	30,812
Total	E12,141	391.7	383.7	11,366	115,205	110,877

[1] These production data are in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed; however, statistics on this production are not available.
Daily Average columns may not add due to independent rounding.
E=Estimate
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	October 1980		September 1980	October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
Supply:						
Production	264,614	8,536	8,619	267,256	2,624,689	2,591,442
Imports	145,725	4,701	4,707	213,583	1,614,271	1,996,843
Total new supply	410,339	13,237	13,327	480,839	4,238,960	4,588,285
Stock changes:						
Domestic crude	+6,753	+218	-142	+11,151	+41,748	+20,241
Foreign crude	-433	-14	-190	+9,766	+3,114	+39,523
Unaccounted for[2]	+2,425	+78	(s)	-6,464	+17,262	+731
Disposition by use:						
Refinery inputs, domestic crude	248,790	8,025	8,379	250,181	2,504,241	2,504,195
Refinery inputs, foreign crude	147,305	4,752	4,932	196,926	1,613,784	1,944,900
Exports	9,586	309	322	5,537	84,619	71,109
Transfers	337	11	12	337	4,299	4,299
Losses	426	14	14	477	4,417	4,749
Total	406,444	13,111	13,659	453,458	4,211,360	4,529,252

[1] Daily Average columns may not add due to independent rounding.
[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.
Sources: Forms ERA-60, EIA-87, EIA-90, ERA-182; Bureau of Census publications EM 522 and EM 594: State Conservation Agencies; and the U.S. Geological Survey.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District
(Thousand Barrels)

State of Origin	October 1980		September 1980	October 1979	January - October (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
PAD District I:						
Florida	3,545	114.4	99.8	4,679	34,689	41,446
New York	69	2.2	2.2	70	707	703
Pennsylvania	84	2.7	11.7	132	2,889	2,200
Virginia	0	0.0	0.0	0	0	4
West Virginia	211	6.8	5.7	193	1,874	1,889
Total	3,909	126.1	119.4	5,074	40,159	46,242
PAD District II:						
Illinois	2,043	65.9	66.1	1,569	19,066	18,262
Indiana	442	14.3	13.9	459	3,847	4,064
Kansas	4,870	157.1	147.6	4,786	48,548	47,172
Kentucky	539	17.4	16.4	570	4,754	4,684
Michigan	2,300	74.2	100.0	2,859	27,030	28,721
Missouri	6	0.2	0.2	7	59	77
Nebraska	635	20.5	46.1	356	5,364	6,459
North Dakota	1,695	54.7	100.8	2,707	30,854	24,981
Ohio	770	24.8	35.8	792	11,116	9,923
Oklahoma	12,894	415.9	519.7	11,907	124,994	120,024
South Dakota	57	1.8	2.1	74	659	720
Tennessee	69	2.2	2.4	45	601	505
Total	26,320	849.0	1,051.2	26,131	276,892	265,592
PAD District III:						
Alabama	1,834	59.2	72.3	1,967	17,477	15,795
Arkansas	1,636	52.8	52.6	1,449	15,222	15,400
Louisiana	38,305	1,235.7	1,248.2	39,404	388,404	399,436
Mississippi	3,083	99.5	103.3	2,976	30,115	31,055
New Mexico	5,753	185.6	219.2	6,861	62,396	65,888
Texas	80,994	2,612.7	2,815.6	84,033	809,173	841,423
Total	131,605	4,245.3	4,511.2	136,690	1,322,787	1,368,997
PAD District IV:						
Colorado	2,298	74.1	80.9	2,610	24,690	26,886
Montana	2,362	76.2	76.0	2,423	24,357	24,623
Utah	2,262	73.0	66.6	2,542	21,196	23,296
Wyoming	9,845	317.6	326.6	9,992	103,681	109,185
Total	16,767	540.9	550.1	17,567	173,924	183,990
PAD District V:						
Alaska	49,569	1,599.0	1,555.8	40,874	476,277	414,546
Arizona	32	1.0	1.6	38	345	384
California	29,544	953.0	968.5	29,633	291,647	290,396
Nevada	115	3.7	3.7	98	910	1,054
Total	79,260	2,556.8	2,529.6	70,643	769,179	706,380
United States:						
Domestic crude	257,861	8,318.1	8,761.6	256,105	2,582,941	2,571,201
Foreign crude	146,158	4,714.8	4,897.8	203,817	1,611,157	1,957,320
Total	404,019	13,032.9	13,659.5	459,922	4,194,098	4,528,521
Pennsylvania Grade (included above)	906	29.2	41.8	1,013	9,617	11,491

[1] Daily Average columns may not add due to independent rounding.
Sources: Forms ERA-60, ERA-182, EIA-87, and EIA-90; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State of Origin and Location
(Thousand Barrels)

State and PAD District	October 31, 1980	September 30, 1980	October 31, 1980				Septembe 1980
	Total for State of Origin	Total for State of Origin	At Refineries	At Tank Farms and Pipelines	On Leases	Total All Locations	Total Al Location
PAD District I:							
Delaware, Maryland	0	0	1,881	0	0	1,881	1,333
Florida, Georgia, NC, VA, W. VA	3,237	3,145	1,844	752	46	2,642	3,136
New Hampshire, New York, Rhode Island	4	4	802	1,461	0	2,263	1,764
New Jersey	0	0	6,970	0	0	6,970	6,251
Pennsylvania	613	472	5,510	838	23	6,371	7,341
Total	3,854	3,621	17,007	3,051	69	20,127	19,825
PAD District II:							
Illinois	2,063	2,131	5,475	17,328	79	22,882	22,926
Indiana	456	502	1,606	2,914	2	4,522	4,564
Iowa, Missouri, Nebraska	345	440	228	7,356	24	7,608	7,745
Kansas	5,680	5,320	2,185	7,466	239	9,890	10,997
Kentucky, Tennessee	389	399	1,237	3,992	10	5,239	5,540
Michigan	2,640	2,564	855	2,106	123	3,084	3,113
Minnesota, Wisconsin	0	0	2,272	2,811	0	5,083	3,553
North Dakota, South Dakota	3,838	2,456	212	1,145	150	1,507	1,517
Ohio	1,462	1,197	2,320	2,891	82	5,293	5,387
Oklahoma	15,891	15,705	1,898	21,128	814	23,840	23,797
Total	32,764	30,714	18,288	69,137	1,523	88,948	89,139
PAD District III:							
Alabama	968	893	828	935	37	1,800	2,139
Arkansas	865	992	135	1,133	87	1,355	1,542
Louisiana	29,517	28,658	23,055	78,185	2,196	103,436	95,212
Mississippi	2,664	2,782	3,170	4,938	166	8,274	7,018
New Mexico	8,792	8,251	743	3,161	1,649	5,553	5,172
Texas	101,329	100,240	35,358	117,472	11,715	164,545	166,226
Total	144,135	141,816	63,289	[1] 205,824	15,850	[2] 284,963	277,309
PAD District IV:							
Colorado	1,786	1,582	257	845	157	1,259	1,172
Montana	3,066	3,078	987	1,575	398	2,960	3,361
Utah	995	1,226	695	872	260	1,827	1,741
Wyoming	22,246	20,897	1,295	9,237	432	10,964	10,656
Total	28,093	26,783	3,234	12,529	1,247	17,010	16,930
PAD District V:							
California	24,631	23,450	25,857	14,665	1,392	41,914	42,295
Other States [3]	54,542	54,882	7,171	14,961	39	22,171	23,315
Total	79,173	78,332	33,028	29,626	1,431	64,085	65,610
United States:							
Domestic crude	[4] 288,019	281,266	77,920	189,979	20,120	288,019	281,266
Foreign crude	187,114	187,547	56,926	130,188	-	[5] 187,114	187,547
Total	475,133	468,813	134,846	320,167	20,120	475,133	468,813

[1] Includes 96,645 located in the Strategic Petroleum Reserve.
[2] Includes 172,565 located in Texas-Louisiana Gulf Coast.
[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.
[4] Includes 1,917 of Pennsylvania Grade.
[5] Stocks of foreign crude in PAD District I, 13,495; District II, 17,443; District III, 145,828; District IV, 739; District V, 9,609.
Source: Form EIA-90.

Table 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oil Reruns: October 1980

Refinery District	Total Gasoline[1]	Special Naphthas	Kerosene	Distillate Fuel Oil	Residual Fuel Oil	Total Jet Fuel	All other Products[2]
East Coast	43.0	0.2	0.5	21.3	13.3	6.3	15.4
Appalachian # 1	44.2	0.6	1.5	20.1	10.5	5.2	17.9
Appalachian # 2	51.8	0.0	1.5	22.7	6.7	0.0	17.3
Indiana, Illinois, etc.	56.5	0.7	0.8	19.3	4.8	5.5	12.4
Minnesota, Wisconsin, etc.	49.4	0.0	0.4	23.9	6.6	3.7	16.0
Oklahoma, Kansas, etc.	55.5	0.8	0.1	25.0	3.6	4.0	11.0
Texas Inland	48.8	1.3	0.2	21.9	5.9	6.5	15.4
Texas Gulf	40.4	1.1	2.0	18.0	10.8	6.8	20.9
Louisiana Gulf	46.6	0.2	1.2	18.9	9.2	9.2	14.7
Arkansas, Louisiana Inland, etc.	30.1	4.8	0.3	25.1	13.4	3.0	23.3
New Mexico	33.4	0.0	0.4	26.7	15.6	15.8	8.1
Rocky Mountain	51.0	0.2	0.4	28.5	6.6	5.1	8.2
West Coast	41.7	0.6	0.3	15.0	23.8	11.0	7.6
U.S. Totals:							
October 1980	46.0	0.7	0.9	19.3	11.3	7.3	14.5
September 1980	44.3	0.6	0.9	20.2	11.2	7.8	15.0
October 1979	42.3	0.7	1.2	23.0	11.2	6.6	15.0

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.
[2] Includes processing gain.
Source: Form EIA-87.

Table 10. Refinery Input and Output: October 1980
(Thousand Barrels)

Item	PAO Oistrict I			PAD Oistrict II					PAO Oistrict III						PAO Diat. IV	PAD Oiat. V	
	East Coaat	Appa-lachian #1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texaa Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Input																	
Crude petroleum:																	
Domestic	2,386	3,313	5,699	1,014	37,672	1,661	23,103	63,450	12,489	51,866	37,264	5,226	2,087	108,932	11,884	58,825	248,790
Foreign	30,092	1,664	31,756	728	[1]25,106	2,579	4,921	[1]33,334	1,204	43,825	21,677	1,188	367	68,261	1,418	12,536	[1]147,305
Total	32,478	4,977	37,455	1,742	62,778	4,240	28,024	96,784	13,693	95,691	58,941	6,414	2,454	177,193	13,302	71,361	396,095
Unfinished oils rerun (net)	+149	-55	+94	+89	-508	-434	-804	-1,657	+671	-841	+1,943	+30	-79	+1,724	+249	+1,615	+2,025
Total crude and unfin. rerun	32,627	4,922	37,549	1,831	62,270	3,806	27,220	95,127	14,364	94,850	60,884	6,444	2,375	178,917	13,551	72,976	398,120
Natural gaa liquids:																	
LPG	67	41	108	149	2,027	136	1,032	3,344	508	1,291	1,662	163	34	3,658	374	556	8,040
Natural gasoline	0	3	3	0	278	53	1,062	1,393	434	2,248	791	195	112	3,780	160	284	5,620
Unfractionated stream[2]	0	0	0	0	100	0	41	141	62	1,110	138	324	2	1,636	23	68	1,868
Total	67	44	111	149	2,405	189	2,135	4,878	1,004	4,649	2,591	682	148	9,074	557	908	15,528
Other hydrocarbons	82	13	95	0	179	0	25	204	39	458	192	0	0	689	52	329	1,369
Output																	
Gasoline:																	
Motor gasoline	14,060	2,199	16,259	1,026	36,537	1,974	16,252	55,789	7,510	39,983	29,453	2,146	842	79,934	7,167	30,708	189,857
Aviation gaaoline	23	0	23	0	82	0	38	120	6	434	206	0	0	646	50	229	1,068
Total	14,083	2,199	16,282	1,026	36,619	1,974	16,290	55,909	7,516	40,417	29,659	2,146	842	80,580	7,217	30,937	190,925
Jet fuel:																	
Naphtha-type	806	129	935	0	396	13	394	803	383	930	449	171	361	2,294	294	1,432	5,758
Kerosene-type	1,260	132	1,392	0	3,155	133	773	4,061	614	5,860	5,384	41	38	11,937	430	6,721	24,541
Total	2,066	261	2,327	0	3,551	146	1,167	4,864	997	6,790	5,833	212	399	14,231	724	8,153	30,299
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	31	46	0	0	77	0	39	116
LRG:																	
For fuel use	624	133	757	0	1,454	70	550	2,074	278	985	1,261	63	27	2,614	162	1,165	6,772
For chemical use	176	0	176	31	326	0	33	390	9	1,300	213	27	0	1,549	4	275	2,394
Total	800	133	933	31	1,780	70	583	2,464	287	2,285	1,474	90	27	4,163	166	1,440	9,166
Kerosene	173	73	246	30	497	16	23	566	29	1,981	741	23	9	2,783	54	196	3,845
Oistillate fuel oil	6,971	1,001	7,972	449	12,510	953	7,328	21,240	3,379	18,024	12,030	1,791	674	35,898	4,041	11,119	80,270
Residual oil	4,353	522	4,875	133	3,121	262	1,057	4,573	903	10,780	5,858	954	394	18,889	932	17,638	46,907
Petrochemical feedstocks:																	
Still gas	6	11	17	0	2	0	0	2	4	1,100	86	0	0	1,190	0	73	1,282
Naphtha-400	331	0	331	0	308	0	88	396	374	5,159	939	31	0	6,503	1	235	7,466
Other	279	65	344	0	345	0	55	400	515	5,964	2,199	80	0	8,758	1	338	9,841
Total	616	76	692	0	655	0	143	798	893	12,223	3,224	111	0	16,451	2	646	18,589
Special naphthas	72	30	102	0	479	0	220	699	198	1,093	120	342	0	1,753	34	445	3,033
Lube oil:																	
Bright stock	57	165	222	0	20	0	37	57	0	190	55	0	0	245	3	28	555
Neutral	279	208	487	0	430	0	230	660	0	995	582	91	0	1,668	38	269	3,122
Other grades	144	10	154	0	158	0	118	276	10	899	60	87	1	1,057	1	131	1,619
Total	480	383	863	0	608	0	385	993	10	2,084	697	178	1	2,970	42	428	5,296
Wax	18	48	66	0	29	0	29	58	101	166	79	30	0	376	3	73	[3]576
Coke	993	29	1,022	21	1,945	287	1,010	3,263	229	1,825	1,856	66	19	3,995	302	2,348	10,930
Asphalt	1,935	99	2,034	117	2,631	274	1,083	4,105	462	866	1,417	967	89	3,801	698	1,960	12,598
Road oil	0	0	0	0	280	0	8	288	0	0	0	3	0	3	6	70	367
Still gas for fuel	1,426	157	1,583	0	3,126	55	979	4,160	400	3,290	1,991	192	62	5,935	510	2,790	14,978
Miscellaneous	116	38	154	2	145	5	187	339	372	1,352	619	29	0	2,372	23	386	3,274
Processing gain (-) or loss (+)	-1,326	-70	-1,396	+171	-3,122	-47	-1,112	-4,110	-369	-3,250	-1,977	-8	+7	-5,597	-594	-4,455	-16,152
Crude oil distillation units:																	
Gross input (1,000 b/d)[4]	1,070	161	1,231	64	2,061	142	913	3,180	474	3,113	1,921	222	82	5,812	449	2,328	13,000
Capacity (1,000 b/d)[5]	1,834	210	2,044	66	2,775	323	1,135	4,299	628	4,583	2,648	288	130	8,277	614	3,139	18,373
Operating ratio[6]	58.3	76.7	60.2	97.0	74.3	44.0	80.4	74.0	75.5	67.9	72.5	77.1	63.1	70.2	73.1	74.2	70.8

[1] Includes some Athabasca hydrocarbons.
[2] Input item "Unfractionated stream" includes "Plant condensate."
[3] Includes microcrystalline, 187; crystalline-fully refined, 243; and crystalline-other, 146.
[4] Includes crude oil, products of natural gas processing plants, and other oils charged to crude oil distillation units during the month.
[5] Represents operable capacity at the beginning of the month.
[6] Represents gross input divided by capacity.
Source: Form EIA-87.

Table 11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals: October 31, 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Motor gasoline:																	
Refinery	10,393	938	11,331	122	16,252	1,565	7,207	25,146	3,952	17,990	12,652	958	424	35,976	4,176	17,702	94,331
Bulk terminal	40,848	3,468	44,316	2,007	19,836	3,991	5,033	30,867	2,326	5,069	1,966	2,832	177	12,370	1,333	9,147	98,033
Pipeline	13,547	753	14,300	704	5,082	1,398	7,747	14,931	2,286	5,148	5,069	8,809	148	21,460	1,057	2,310	54,058
Total	64,788	5,159	69,947	2,833	41,170	6,954	19,987	70,944	8,564	28,207	19,687	12,599	749	69,806	6,566	29,159	246,422
Aviation gasoline:																	
Refinery	49	0	49	0	266	0	39	305	11	439	285	0	0	735	39	268	1,396
Bulk terminal	339	42	381	0	158	71	50	279	144	0	8	4	24	180	6	262	1,108
Pipeline	0	0	0	0	21	0	1	22	19	10	0	0	0	29	0	0	51
Total	388	42	430	0	445	71	90	606	174	449	293	4	24	944	45	530	2,555
Naphtha-type jet fuel:																	
Refinery	170	112	282	0	551	32	441	1,024	206	674	345	161	210	1,596	224	1,216	4,342
Bulk terminal	15	0	15	36	105	44	114	299	139	180	0	20	51	390	20	86	810
Pipeline	259	0	259	3	49	0	131	183	26	0	13	105	131	275	44	517	1,278
Total	444	112	556	39	705	76	686	1,506	371	854	358	286	392	2,261	288	1,819	6,430
Kerosene-type jet fuel:																	
Refinery	1,140	56	1,196	0	1,802	40	314	2,156	348	3,411	2,318	25	17	6,119	248	4,296	14,015
Bulk terminal	4,923	143	5,066	116	2,787	672	678	4,253	110	322	107	48	36	623	279	2,428	12,649
Pipeline	2,254	69	2,323	66	950	82	1,849	2,947	459	1,294	633	1,638	0	4,024	153	636	10,083
Total	8,317	268	8,585	182	5,539	794	2,841	9,356	917	5,027	3,058	1,711	53	10,766	680	7,360	36,747
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRG:																	
For fuel use	695	13	708	0	1,217	21	412	1,650	366	1,046	803	20	20	2,255	283	1,113	6,009
For chemical use	29	0	29	2	72	0	3	77	0	17	3	2	0	22	5	0	133
Total	724	13	737	2	1,289	21	415	1,727	366	1,063	806	22	20	2,277	288	1,113	6,142
Kerosene:																	
Refinery	259	172	431	42	872	29	195	1,138	36	1,228	317	20	52	1,653	70	117	3,409
Bulk terminal	4,590	320	4,910	182	1,428	97	284	1,991	24	590	27	25	0	666	22	68	7,657
Pipeline	520	4	524	92	197	4	22	315	14	82	242	136	0	474	0	57	1,370
Total	5,369	496	5,865	316	2,497	130	501	3,444	74	1,900	586	181	52	2,793	92	242	12,436
Distillate fuel oil:																	
Refinery	8,190	542	8,732	79	8,610	1,887	4,768	15,344	1,118	13,691	5,979	1,636	211	22,635	2,017	5,664	54,392
Bulk terminal	86,572	3,769	90,341	2,061	18,075	4,714	5,831	30,681	1,504	7,069	2,390	1,282	67	12,312	642	5,352	139,328
Pipeline	7,003	424	7,427	751	4,109	1,033	5,508	11,401	778	3,926	2,349	4,057	75	11,185	652	1,326	31,991
Total	101,765	4,735	106,500	2,891	30,794	7,634	16,107	57,426	3,400	24,686	10,718	6,975	353	46,132	3,311	12,342	[1]225,711
Residual fuel oil:																	
Refinery	4,515	328	4,843	89	3,518	373	871	4,851	476	9,631	3,507	438	189	14,241	831	9,207	33,973
Bulk terminal	40,602	415	41,017	222	2,436	310	1,203	4,171	32	3,632	4,900	199	0	8,763	0	3,065	[2]57,016
Total	45,117	743	45,860	311	5,954	683	2,074	9,022	508	13,263	8,407	637	189	23,004	831	12,272	[2]90,989
Petrochemical feedstocks:																	
Naphtha-400	195	0	195	0	207	0	72	279	211	3,106	470	33	0	3,820	2	256	4,552
Other	1	86	87	0	126	0	30	156	276	2,282	284	53	0	2,895	0	93	3,231
Total	196	86	282	0	333	0	102	435	487	5,388	754	86	0	6,715	2	349	7,783
Special naphthas:																	
Refinery	54	39	93	1	236	0	162	399	112	1,373	141	170	0	1,796	25	465	2,778
Bulk terminal	1,177	27	1,204	135	223	84	149	591	0	0	5	36	0	41	0	75	1,911
Total	1,231	66	1,297	136	459	84	311	990	112	1,373	146	206	0	1,837	25	540	4,689
Lube oil:																	
Bright stock	251	375	626	0	39	0	72	111	0	229	42	0	0	271	4	38	1,050
Neutral	765	527	1,292	0	560	0	514	1,074	0	1,436	944	73	0	2,453	57	432	5,308
Other grades	2,005	187	2,192	45	579	23	196	843	52	2,124	445	197	13	2,831	12	985	6,863
Total	3,021	1,089	4,110	45	1,178	23	782	2,028	52	3,789	1,431	270	13	5,555	73	1,455	[3]13,221
Wax	8	83	91	0	34	0	18	52	34	202	86	3	0	325	3	21	[4]492
Coke	1,019	0	1,019	0	805	146	297	1,248	0	492	534	7	0	1,033	475	1,093	4,868
Asphalt	3,711	450	4,161	286	3,179	920	1,077	5,462	380	763	1,250	652	208	3,253	968	2,214	[3]16,058
Road oil	0	0	0	0	291	0	9	300	0	0	0	2	0	2	4	40	346
Miscellaneous	201	50	251	1	114	7	310	432	70	560	391	50	0	1,071	0	247	[3]2,001
Unfinished oils	15,401	1,858	17,259	171	18,748	965	7,949	27,833	3,221	31,522	18,553	1,258	166	54,720	2,840	28,437	131,089
Refined products, total	251,700	15,250	266,950	7,213	113,534	18,508	53,556	192,811	18,730	119,538	67,058	24,949	2,219	232,494	16,491	99,233	807,979

[1] Includes No. 4 fuel oil: PAD District I, 2,440; PAD District II, 132; PAD District III, 680; PAD District IV, 6; PAD District V, 331.

[2] Includes pipeline stocks: PAD District V, 88.

[3] Includes bulk terminal stocks: Lubes, 2,861; Asphalt, 4,868; and Miscellaneous, 74.

[4] Includes microcrystalline, 109; crystalline-fully refined, 198; and crystalline-other, 185.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or receive petroleum products by tanker, barge, or pipeline.
Pipeline stocks include pipeline fill.
Sources: Forms EIA-B7, EIA-B8, and EIA-B9.

Table 12. Transportation of Petroleum Products by Pipeline
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
Turned into lines:					
Gasoline:					
Motor	167,777	172,172	181,277	1,776,827	1,839,696
Aviation	624	351	406	3,463	3,723
Total	168,401	172,523	181,683	1,780,290	1,843,419
Jet fuel:					
Naphtha-type	3,104	3,527	3,282	34,700	35,958
Kerosene-type	25,556	26,235	28,261	277,728	289,081
Total	28,660	29,762	31,543	312,428	325,039
Kerosene	2,255	1,633	2,317	21,864	25,715
Distillate fuel oil	65,867	57,174	76,090	564,622	714,125
Residual fuel oil	132	92	321	1,402	2,324
Natural gas liquids	53,103	53,028	57,939	521,348	554,274
Other products	242	0	50	4,378	296
Delivered from lines:					
Gasoline:					
Motor	170,182	174,128	184,448	1,779,775	1,848,350
Aviation	646	309	355	3,342	3,495
Total	170,828	174,437	184,803	1,783,117	1,851,845
Jet fuel:					
Naphtha-type	3,251	3,512	3,342	34,596	36,010
Kerosene-type	25,149	25,540	27,349	273,451	283,543
Total	28,400	29,052	30,691	308,047	319,553
Kerosene	1,929	1,736	2,077	21,515	24,602
Distillate fuel oil	66,811	57,594	74,921	628,777	712,889
Residual fuel oil	116	118	279	1,386	2,347
Natural gas liquids	54,249	52,803	59,165	518,711	556,633
Other products	240	0	50	4,279	296
Shortage (or overage):					
Gasoline:					
Motor	(717)	(107)	(503)	(4,552)	(4,883)
Aviation	28	3	4	103	125
Total	(689)	(104)	(499)	(4,449)	(4,758)
Jet fuel:					
Naphtha-type	(32)	(38)	(17)	21	17
Kerosene-type	287	310	495	3,384	3,624
Total	255	272	478	3,405	3,641
Kerosene	141	139	122	958	987
Distillate fuel oil	(592)	(878)	(118)	1,938	(1,350)
Residual fuel oil	(9)	(18)	36	(43)	(39)
Natural gas liquids	345	653	637	2,776	2,031
Other products	2	0	0	4	0
Stocks in lines and working tanks at end of month:					
Gasoline:					
Motor	54,058	55,746	47,590	54,058	47,590
Aviation	51	101	123	51	123
Total	54,109	55,847	47,713	54,109	47,713
Jet fuel:					
Naphtha-type	1,278	1,393	1,035	1,278	1,035
Kerosene-type	10,083	9,963	7,837	10,083	7,837
Total	11,361	11,356	8,872	11,361	8,872
Kerosene	1,370	1,185	1,774	1,370	1,774
Distillate fuel oil	31,991	32,343	35,081	31,991	35,081
Residual fuel oil	88	63	16	88	16
Natural gas liquids	35,305	36,796	37,041	35,305	37,041
Other products	0	0	0	0	0

Source: Form EIA-89.

Table 13 Movements of Petroleum Products by Pipeline 8etween PAD Districts
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
From PAD District 1 to PAD District 2:					
Gasoline:					
Motor	4,405	4,495	4,542	43,884	46,141
Aviation	3	5	7	51	67
Total	4,408	4,500	4,549	43,935	46,208
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	187	101	160	1,809	1,938
Total	187	101	160	1,809	1,938
Kerosene	11	30	56	236	289
Distillate fuel oil	1,437	1,180	1,434	13,707	14,222
From PAD District 2 to PAD District 1:					
Gasoline:					
Motor	1,010	1,114	627	8,765	8,617
Total	1,010	1,114	627	8,765	8,617
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	11	54	159
Distillate fuel oil	401	220	270	2,008	1,905
Natural gas liquids	539	829	2,703	9,591	10,500
From PAD District 2 to PAD District 3:					
Gasoline:					
Motor	1,743	1,476	1,342	16,183	13,935
Total	1,743	1,476	1,342	16,183	13,935
Jet fuel:					
Naphtha-type	0	119	49	507	557
Kerosene-type	53	37	50	487	203
Total	53	156	99	994	760
Distillate fuel oil	421	368	362	3,912	4,174
Natural gas liquids	2,150	2,058	2,056	20,471	19,022
From PAD District 2 to PAD Diatrict 4:					
Gasoline:					
Motor	1,623	1,466	748	14,666	14,436
Aviation	31	21	27	177	251
Total	1,654	1,487	775	14,843	14,687
Jet fuel:					
Kerosene-type	556	438	307	4,219	4,398
Total	556	438	307	4,219	4,398
Kerosene	0	0	0	8	0
Distillate fuel oil	336	290	119	2,750	2,728
Natural gas liquids	158	148	137	1,406	1,299
From PAD District 3 to PAD District 1:					
Gasoline:					
Motor	38,524	39,961	35,804	385,189	368,540
Aviation	19	22	28	180	249
Total	38,543	39,983	35,832	385,369	368,789
Jet fuel:					
Naphtha-type	192	111	86	1,280	1,204
Kerosene-type	5,441	3,989	5,128	51,467	53,558
Total	5,633	4,100	5,214	52,747	54,762
Kerosene	540	599	961	5,987	8,141
Distillate fuel oil	15,760	14,591	18,234	157,572	169,196
Natural gas liquids	1,704	1,536	1,721	14,887	18,416
From PAD District 3 to PAD Diatrict 2:					
Gasoline:					
Motor	5,566	5,725	6,984	56,401	62,910
Aviation	48	72	149	439	1,332
Total	5,614	5,797	7,133	56,840	64,242
Jet fuel:					
Naphtha-type	0	1	1	6	7
Kerosene-type	981	1,427	1,267	11,969	13,007
Total	981	1,428	1,268	11,975	13,014
Kerosene	201	1	162	711	1,616
Distillate fuel oil	2,774	1,814	2,973	16,265	26,987
Natural gas liquids	8,418	6,013	2,900	60,161	68,403
From PAD District 3 to PAD District 4:					
Gasoline:					
Motor	0	0	0	0	0
Aviation	0	0	0	0	0
Total	0	0	0	0	0
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	0	0	0
Distillste fuel oil	0	0	0	0	0
Natural gas liquids	0	0	0	0	0
From PAD District 3 to PAD District 5:					
Gasoline:					
Motor	735	922	839	8,491	8,323
Total	735	922	839	8,491	8,323
Jet fuel:					
Naphtha-type	82	71	129	942	1,151
Kerosene-type	71	92	99	998	909
Total	153	163	228	1,940	2,060
Distillate fuel oil	307	404	470	3,614	3,970
From PAD District 4 to PAD District 2:					
Gasoline:					
Motor	407	509	469	4,228	4,572
Total	407	509	469	4,228	4,572
Jet fuel:					
Naphtha-type	0	13	23	109	221
Kerosene-type	13	5	5	78	74
Total	13	18	28	187	295
Kerosene	0	0	0	0	0
Distillate fuel oil	307	303	366	3,084	3,094
Natursl gas liquids	428	457	445	4,498	4,080
From PAD District 4 to PAD District 3:					
Natural gas liquids	0	0	0	0	0
From PAD District 4 to PAD Diatrict 5:					
Gasoline:					
Motor	384	490	739	6,215	7,457
Total	384	490	739	6,215	7,457
Jet fuel:					
Naphtha-type	44	36	48	719	761
Kerosene-type	44	76	41	568	652
Total	88	112	89	1,287	1,413
Distillste fuel oil	158	72	324	1,906	2,391

Source: Form EIA-89.

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products (Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
PAD District I to PAD District II:					
Crude oil	0	324	0	1,194	0
Unfinished oils	30	15	8	155	139
Gasoline:					
Motor	1,357	1,195	904	14,098	9,602
Aviation	0	0	0	0	0
Total	1,357	1,195	904	14,098	9,602
Special naphthas	0	0	16	8	16
Jet fuel:					
Naphtha-type	93	91	92	1,049	411
Kerosene-type	192	85	164	1,416	1,158
Total	285	176	256	2,465	1,569
Kerosene	32	62	59	488	436
Distillate fuel oil	379	281	428	4,892	3,591
Residual fuel oil	0	0	89	20	192
Lubricating oil	5	0	8	91	117
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	116
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	9	10	0	248	341
Other products	0	0	38	0	38
Total	2,097	2,063	1,806	23,659	16,157
PAD District I to PAD District III:					
Crude oil	182	162	561	3,087	3,500
Unfinished oils	230	214	935	1,896	4,144
Gasoline:					
Motor	61	106	612	815	1,630
Aviation	0	0	0	0	0
Total	61	106	612	815	1,630
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	277	0	0	277	72
Kerosene-type	0	0	0	0	0
Total	277	0	0	277	72
Kerosene	0	0	0	0	0
Distillate fuel oil	11	90	0	762	292
Residual fuel oil	73	28	125	233	338
Lubricating oil	0	496	302	1,966	586
Wax	8	10	0	39	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	81	0	0	640	61
Other products	0	14	188	356	391
Total	923	1,120	2,723	10,071	11,014
PAD District II to PAD District I:					
Crude oil	62	97	0	942	10
Unfinished oil	65	0	0	89	172
Gasoline:					
Motor	13	0	151	869	1,621
Aviation	0	0	0	0	0
Total	13	0	151	869	1,621
Special naphthas	0	0	0	25	55
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	72	0	0	310	44
Total	72	0	0	310	44
Kerosene	0	0	6	0	11
Distillate fuel oil	0	0	146	390	1,065
Residual fuel oil	117	169	128	1,301	2,252
Lubricating oil	62	47	52	315	320
Wax	0	0	0	16	0
Asphalt and road oil	0	60	124	207	937
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	31	15	10	137	17
Other products	9	0	0	9	33
Total	431	388	617	4,610	6,537
PAD District II to PAD District III:					
Crude oil	0	0	0	0	0
Unfinished oils	0	103	279	1,657	1,581
Gasoline:					
Motor	44	126	0	1,457	187
Aviation	0	0	0	32	0
Total	44	126	0	1,489	187
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	34	0
Total	0	0	0	34	0
Kerosene	0	0	0	0	0
Distillate fuel oil	352	220	58	2,439	740
Residual fuel oil	793	673	0	7,887	241
Lubricating oil	0	0	17	64	146
Wax	0	0	0	9	0
Asphalt and road oil	0	0	0	0	13
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	18	20	446	128
Other products	8	0	0	378	32
Total	1,197	1,140	374	14,403	3,068

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.) 1980	January - October (Incl.) 1979
PAD District III to PAD District I:[1]					
Crude Oil	988	715	689	5,874	6,589
Unfinished oils	150	355	104	3,957	3,465
Gasoline:					
Motor	10,718	10,914	14,188	117,541	146,669
Aviation	233	241	222	2,383	3,013
Total	10,951	11,155	14,410	119,924	149,682
Special naphthas	486	299	365	4,038	4,141
Jet fuel:					
Naphtha-type	635	764	191	6,287	4,197
Kerosene-type	2,718	2,709	3,225	32,141	29,354
Total	3,353	3,473	3,416	38,428	33,551
Kerosene	259	272	562	2,941	4,715
Distillate fuel oil	4,347	4,209	5,525	49,430	66,824
Residual fuel oil	6,167	5,512	2,721	64,447	34,828
Lubricating oil	878	673	986	9,176	9,153
Wax	14	11	20	175	167
Asphalt and road oil	300	386	246	3,340	3,259
Liquefied gases	109	104	60	409	445
Petrochemcial feedstocks	152	148	28	1,499	1,325
Other products	857	168	833	4,573	5,096
Total	29,011	27,480	29,963	308,211	323,240
PAD District III to PAD District II:					
Crude oil	1,266	812	618	10,990	4,191
Unfinished oils	318	83	195	767	498
Gasoline:					
Motor	601	875	1,290	14,662	16,191
Aviation	100	79	14	687	415
Total	701	954	1,304	15,349	16,606
Special naphthas	224	196	165	1,573	1,716
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	228	139	152	1,721	2,352
Total	228	139	152	1,721	2,352
Kerosene	44	59	69	460	512
Distillate fuel oil	178	310	194	3,872	5,060
Residual fuel oil	184	334	1,081	4,271	7,432
Lubricating oil	323	276	521	3,126	3,270
Wax	0	0	0	76	0
Asphalt and road oil	172	397	567	2,758	4,137
Liquefied gases	10	10	0	40	207
Petrochemical feedstocks	95	23	28	616	615
Other products	60	122	97	439	254
Total	3,803	3,715	4,991	46,058	46,850
PAD District III to PAD District V:					
Crude oil	0	0	0	0	0
Unfinished oils	0	203	217	1,136	1,125
Gasoline:					
Motor	0	0	0	634	1,067
Aviation	0	0	0	51	38
Total	0	0	0	685	1,105
Special naphthas	0	0	0	10	0
Jet fuel:					
Naphtha-type	0	0	0	487	0
Kerosene-type	40	0	0	735	1,507
Total	40	0	0	1,222	1,507
Kerosene	0	0	0	76	23
Distillate fuel oil	0	0	0	34	824
Residual fuel oil	0	0	118	332	294
Lubricating oil	86	103	0	1,665	1,228
Wax	0	0	9	0	9
Petrochemical feedstocks	46	0	0	46	18
Other products	0	0	0	40	19
Total	172	306	344	5,246	6,152
PAD District V to PAD District I:					
Crude oil	1,432	2,181	1,812	25,649	12,955
Gasoline:					
Motor	0	0	0	251	0
Aviation	0	0	0	0	0
Total	0	0	0	251	0
Special naphthas	0	0	0	0	0
Distillate fuel oil	0	0	0	20	0
Residual fuel oil	289	0	0	1,005	0
Lubricating oil	4	0	23	34	28
Other products	12	0	10	13	10
Total	1,737	2,181	1,845	26,972	12,993
PAD District V to PAD District III:					
Crude oil	7,286	7,766	2,957	86,042	37,757
Motor gasoline	0	0	0	0	104
Kerosene-type jet fuel	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Residual fuel oil	0	0	0	204	0
Wax	0	0	0	0	0
Lubricating oil	63	16	77	503	463
Unfinished oils	30	64	133	1,386	548
Other products	40	0	0	182	313
Total	7,419	7,846	3,167	88,317	39,185

[1] Breakdown by region shown in Table 15.

Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
To New England:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	0	190	0
Gasoline:					
Motor	849	994	2,094	12,012	23,908
Aviation	18	23	15	244	275
Total	867	1,017	2,109	12,256	24,183
Special naphthas	23	27	49	398	434
Jet fuel:					
Naphtha-type	8	0	0	267	239
Kerosene-type	233	245	331	3,799	5,577
Total	241	245	331	4,066	5,816
Kerosene	85	123	208	1,171	1,553
Distillate fuel oil	1,023	1,207	2,000	13,333	20,837
Residual fuel oil	1,482	722	100	9,060	1,778
Lubricating oil	9	0	6	802	372
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	0
Other products	0	7	5	106	76
Total	3,730	3,348	4,808	41,382	55,049
To Central Atlantic:[2]					
Crude oil	724	715	687	5,506	6,589
Unfinished oils	0	216	0	2,045	2,731
Gasoline:					
Motor	535	912	1,530	8,406	19,801
Aviation	45	79	51	525	692
Total	580	991	1,581	8,931	20,493
Special naphthas	373	184	227	2,698	2,371
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	346	67	359	3,995	3,477
Total	346	67	359	3,995	3,477
Kerosene	133	97	172	1,022	1,986
Distillate fuel oil	911	1,177	1,036	9,837	21,028
Residual fuel oil	1,191	538	1,000	15,412	11,161
Lubricating oil	577	496	676	6,268	6,545
Wax	14	11	20	175	167
Asphalt and road oil	31	9	17	161	265
Liquefied gases	0	0	60	0	207
Petrochemical feedstocks	143	148	9	1,338	1,002
Other products	644	21	705	2,781	4,148
Total	5,667	4,670	6,549	60,169	82,170
To Lower Atlantic:[3]					
Crude oil	264	0	0	368	0
Unfinished oil	150	139	104	1,722	734
Gasoline:					
Motor	9,334	9,008	10,564	97,123	102,960
Aviation	170	139	156	1,614	2,046
Total	9,504	9,147	10,720	98,737	105,006
Special naphthas	90	88	89	942	1,336
Jet fuel:					
Naphtha-type	627	764	191	5,701	3,958
Kerosene-type	2,139	2,397	2,535	24,666	20,300
Total	2,766	3,161	2,726	30,367	24,258
Kerosene	41	52	182	748	1,176
Distillate fuel oil	2,413	1,825	2,489	26,260	24,959
Residual fuel oil	3,494	4,252	1,621	39,975	21,889
Lubricating oil	292	177	304	2,148	2,236
Wax	0	0	0	0	0
Asphalt and road oil	269	377	229	3,179	2,994
Liquefied gases	109	104	0	409	238
Petrochemical feedstocks	9	0	19	161	323
Other products	213	140	123	1,686	872
Total	19,614	19,462	18,606	206,702	186,021

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[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

[2] Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey. and Pennsylvania.

[3] Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

PAD District and Country of Origin	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
All PAD Districts:					
Algeria	12,131	10,612	18,414	140,132	185,584
Angola	1,389	1,118	237	11,690	11,619
Bolivia	-	-	328	301	328
Brazil	370	-	-	370	-
Brunei	-	-	-	348	2,295
Cameroon	-	839	736	9,427	4,673
Canada[1]	4,864	5,517	7,189	61,349	80,647
Chile	-	-	-	-	-
Congo (Brazzaville)	332	301	-	2,273	909
Ecuador	-	393	1,240	4,607	9,542
Egypt	557	947	7,195	10,809	17,961
Gabon	928	-	1,670	7,429	12,848
Ghana	-	-	-	300	204
Indonesia	10,178	8,298	13,035	95,617	117,850
Iran	-	-	15,365	2,625	79,195
Iraq	439	1,427	3,805	10,110	29,373
Kuwait	-	1,154	357	6,488	1,898
Guatemala	126	-	-	641	-
Libya	14,497	14,795	22,928	164,918	203,612
Malaysia	1,547	2,037	1,514	18,754	15,763
Mexico	18,732	15,371	16,320	159,203	132,862
Netherlands	-	-	-	404	2,342
Nigeria	21,731	21,666	30,620	256,927	327,577
Norway	5,577	3,637	3,196	43,371	20,888
Oman	544	822	1,138	7,132	11,832
Peru	390	767	937	11,535	12,316
Qatar	-	-	2,192	7,054	10,789
People's Republic of China	-	-	269	-	3,653
Saudi Arabia	32,346	32,939	39,094	380,342	418,321
Spain	-	-	-	299	-
Syria	-	-	330	787	3,053
Trinidad	2,457	4,211	3,737	34,854	37,858
Tunisia	-	-	1,170	1,928	5,522
United Arab Emirates	5,638	3,203	7,255	59,843	86,010
United Kingdom	4,935	6,529	4,499	52,932	58,983
Venezuela	5,690	4,222	8,615	45,713	89,336
Zaire	327	416	198	3,759	1,200
Total[1]	[2]145,725	141,221	213,583	[2]1,614,271	1,996,843
To PAD District I:					
Algeria	3,625	2,906	8,283	44,577	60,968
Angola	-	599	-	3,051	2,555
Brazil	370	-	-	370	-
Cameroon	-	500	-	1,444	367
Canada	116	-	106	2,201	2,519
Ecuador	-	-	388	383	2,524
Egypt	357	682	1,046	5,695	8,636
Gabon	578	-	1,273	5,305	11,904
Indonesia	1,447	1,360	1,701	9,288	9,319
Iran	-	-	5,449	-	27,801
Iraq	-	-	-	-	3,213
Kuwait	-	764	357	3,800	357
Libya	2,894	5,825	3,816	39,230	29,378
Mexico	2,463	2,146	908	15,921	3,292
Netherlands	-	-	-	403	-
Nigeria	2,292	4,849	5,355	61,052	86,033
Norway	1,322	1,851	232	9,696	2,810
Oman	544	316	165	2,785	3,285
Peru	-	-	-	3,935	1,648
Qatar	-	-	-	1,530	2,927
Saudi Arabia	9,443	9,769	7,670	116,858	108,148
Spain	-	-	-	299	-
Trinidad	-	675	424	4,718	2,728
Tunisia	-	-	524	198	2,218
United Arab Emirates	-	-	1,135	4,349	4,905
United Kingdom	456	2,436	-	13,950	12,207
Venezuela	2,468	2,326	5,189	23,926	51,010
Zaire	-	416	198	3,132	949
Total	28,375	37,420	44,219	378,096	441,701

[1] Includes some Athabasca hydrocarbons.

[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 4,050; Year-to-date 5,667.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

PAD District and Country of Origin	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
To PAD District II:					
Algeria	2,814	3,499	2,996	38,924	41,038
Guatemala	126	-	-	517	-
Cameroon	-	339	736	5,462	2,341
Canada[1]	3,145	3,899	4,775	42,657	53,754
Congo (Brazzaville)	-	-	-	-	-
Ecuador	-	-	385	692	1,398
Egypt	-	-	561	525	561
Gabon	350	-	-	864	-
Ghana	-	-	-	50	204
Indonesia	-	-	-	-	-
Iran	-	-	3,943	1,890	25,442
Iraq	-	-	-	294	4,045
Kuwait	-	-	-	-	-
Libya	5,253	3,970	12,486	62,189	102,659
Malaysia	-	-	-	-	-
Mexico	5,414	5,013	4,664	50,480	38,743
Netherlands	-	-	-	-	-
Nigeria	4,849	4,196	6,893	56,220	55,326
Norway	1,226	360	2,533	14,469	11,528
Oman	-	506	973	4,164	7,444
Peru	-	362	380	2,618	4,785
Qatar	-	-	1,650	1,647	6,825
Saudi Arabia	2,088	3,078	7,054	26,717	54,037
Syria	-	-	-	-	715
Trinidad	400	1,380	430	10,464	7,199
Tunisia	-	-	276	900	1,524
U.S.S.R.	-	-	-	-	-
United Arab Emirates	654	401	1,579	13,692	13,201
United Kingdom	1,115	946	1,565	16,927	18,261
Venezuela	-	-	768	3,366	6,768
Total[1]	27,434	27,949	54,647	355,728	457,798
To PAD District III:					
Algeria	5,098	3,766	7,135	55,596	81,041
Angola	1,389	519	237	7,206	8,361
Bolivia	-	-	328	301	328
Cameroon	-	-	-	2,521	1,965
Guatemala	-	-	-	124	-
Congo (Brazzaville)	332	301	-	2,273	909
Ecuador	-	393	467	3,276	5,620
Egypt	200	265	4,826	4,589	8,002
Gabon	-	-	397	1,260	944
Ghana	-	-	-	250	-
Indonesia	-	-	1,211	-	7,596
Iran	-	-	5,973	735	25,952
Iraq	439	1,427	3,805	9,816	22,115
Kuwait	-	390	-	2,688	1,541
Liberia	-	-	-	-	-
Libya	6,350	5,000	6,626	63,244	71,575
Malaysia	-	-	-	192	-
Mexico	10,855	8,212	10,748	92,802	90,827
Netherlands	-	-	-	1	2,342
Nigeria	14,590	11,412	18,372	137,918	186,218
Norway	3,029	1,426	431	18,891	6,550
Oman	-	-	-	183	1,103
Peru	390	405	557	4,373	3,738
Qatar	-	-	542	3,877	1,037
Saudi Arabia	20,815	19,712	23,817	234,931	250,216
Syria	-	-	330	787	2,338
Trinidad	2,057	2,156	2,883	19,672	27,931
Tunisia	-	-	370	830	1,780
U.S.S.R.	-	-	-	-	-
United Arab Emirates	3,821	2,350	3,257	29,874	47,397
United Kingdom	3,364	3,147	2,934	22,055	28,515
Venezuela	2,818	1,190	2,563	15,102	28,261
Zaire	327	-	-	627	251
Total	[2]75,874	62,071	97,809	[2]735,994	914,453
To PAD District IV:					
Algeria	-	-	-	-	2,537
Canada	933	1,026	1,327	10,027	16,323
Indonesia	-	-	-	-	360
Libya	-	-	-	255	-
Netherlands	-	-	-	-	-
Nigeria	-	-	-	113	-
Saudi Arabia	-	-	553	26	553
United Kingdom	-	-	-	-	-
Venezuela	-	-	-	-	-
Total	933	1,026	1,880	10,421	19,773
To PAD District V[3]:					
Algeria	594	441	-	1,035	-
Angola	-	-	-	1,433	703
Brunei	-	-	-	348	2,295
Canada	670	592	981	6,464	8,051
Ecuador	-	-	-	256	-
Egypt	-	-	762	-	762
Indonesia	8,731	6,938	10,123	86,329	100,575
Malaysia	1,547	2,037	1,514	18,562	15,763
Nigeria	-	1,209	-	1,624	-
Norway	-	-	-	315	-
Peru	-	-	-	609	2,145
People's Republic of China	-	-	269	-	3,653
Saudi Arabia	-	380	-	1,810	5,367
United Arab Emirates	1,163	452	1,284	11,928	20,507
Venezuela	404	706	95	3,319	3,297
Total	13,109	12,755	15,028	134,032	163,118

[1] Includes some Athabasca hydrocarbons.

[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 4,050; Year-to-date, 5,667.

[3] Excludes crude oil delivered into foreign trade zone.

Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.) 1980	January - October (Incl.) 1979
All PAD Districts:					
Motor gasoline:					
Receipts from Puerto Rico	1,027	184	671	8,495	11,222
Other	3,673	2,994	3,986	35,020	41,148
Total	[1]4,700	3,178	4,657	43,515	52,370
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	7
Total	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	[1]486	765	1,016	9,619	5,869
Total	486	765	1,016	9,619	5,869
Kerosene-type jet fuel:					
Bonded aircraft fuel	521	548	352	4,062	3,002
Receipts from Puerto Rico	165	0	0	213	177
Other	1,719	986	1,415	11,773	13,668
Total	2,405	1,534	1,767	16,048	16,847
Ethane	2,478	1,239	837	16,289	14,517
Liquefied petroleum gases	5,244	3,519	4,770	43,767	49,134
Kerosene:					
Receipts from Puerto Rico	0	0	98	26	371
Other	138	0	365	2,627	2,006
Total	138	0	463	2,653	2,377
Distillate fuel oil:					
Bonded ships bunkers	15	20	48	270	55
For military offshore use	0	192	407	1,285	1,291
Receipts from Puerto Rico	465	493	515	5,151	5,963
No. 2 fuel oil	[1]3,038	2,323	5,513	34,058	45,879
No. 4 fuel oil	35	0	69	863	4,415
Total	3,553	3,028	6,552	41,627	57,603
Residual fuel oil:					
Bonded ships bunkers	0	1	0	6	0
For military offshore use	50	66	49	705	368
Receipts from Puerto Rico	162	198	0	1,601	1,897
Other	[1]26,703	26,908	32,243	271,750	346,886
Total	26,915	27,173	32,292	274,062	349,151
Petrochemical feedstocks:					
Receipts from Puerto Rico	383	0	154	1,512	1,730
Other	996	1,374	139	5,755	1,501
Total	1,379	1,374	293	7,267	3,231
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	136	631	35	1,811	3,278
Total	136	631	35	1,872	3,278
Lubricants	328	213	165	2,253	2,857
Wax	0	0	0	0	0
Asphalt	217	146	164	1,190	1,313
Miscellaneous	177	120	5	550	273
Total	48,250	42,918	53,016	460,712	558,827
PAD District I:					
Motor gasoline:					
Receipts from Puerto Rico	1,027	184	548	7,180	9,530
Other	3,136	2,256	2,991	27,030	33,082
Total	4,163	2,440	3,539	34,210	42,612
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	793	0	0
Other	486	327	0	8,012	3,337
Total	486	327	793	8,012	3,337
Kerosene-type jet fuel:					
Bonded aircraft fuel	230	93	16	1,498	1,252
Receipts from Puerto Rico	165	0	0	213	177
Other	1,016	516	742	5,399	6,000
Total	1,411	609	758	7,776	7,429
Ethane	1	0	0	2	2
Liquefied petroleum gases	629	524	631	6,042	7,587
Kerosene:					
Receipts from Puerto Rico	0	0	98	26	371
Other	138	0	365	2,627	2,006
Total	138	0	463	2,653	2,377
Distillate fuel oil:					
Bonded ships bunkers	0	20	0	220	7
For military offshore use	0	192	0	805	382
Receipts from Puerto Rico	423	493	515	4,932	5,963
No. 2 fuel oil	2,629	2,111	5,388	31,946	42,642
No. 4 fuel oil	35	0	69	836	3,214
Total	3,087	2,816	5,972	38,766	52,208
Residual fuel oil:					
Bonded ships bunkers	0	1	0	6	0
For military offshore use	50	66	49	705	368
Receipts from Puerto Rico	162	198	0	1,601	1,897
Other	24,646	25,261	29,768	250,004	324,407
Total	24,858	25,526	29,817	252,316	326,672
Petrochemical feedstocks:					
Receiptss from Puerto Rico	148	0	91	718	951
Other	482	394	62	3,007	412
Total	630	394	153	3,725	1,363
Special naphthas	28	26	1	163	851
Lubricants	133	151	165	1,674	2,201
Wax	0	0	0	0	0
Asphalt	217	146	164	1,190	1,313
Miscellaneous	4	110	0	247	147
Total	35,785	33,069	42,456	356,776	448,099
PAD District II:					
Motor gasoline	84	90	107	1,008	880
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	25	18	132	18
Total	0	25	18	132	18
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	91	0
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	91	0
Ethane	2,477	1,239	837	16,287	14,515
Liquefied petroleum gases	3,503	1,573	3,022	24,711	27,265
Kerosene	0	0	0	0	0
Distillate fuel oil:					
No. 2 fuel oil	0	0	32	0	70
No. 4 fuel oil	0	0	0	0	0
Total	0	0	32	0	70
Residual fuel oil[2]	1,038	1,085	1,097	8,847	12,072
Petrochemical feedstocks	0	0	60	118	501
Special naphthas	38	108	27	792	259
Lubricants	0	0	0	14	47
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	15	10	5	144	76
Total	7,155	4,130	5,205	52,015	55,703

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 2,250; Naphtha-type jet fuel, 401; Distillate No. 2 fuel oil, 2,873. Residual fuel oil, 4,324.
[2] Includes crude oil for direct burning as fuel: Current month, 129.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District - Continued
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
PAD District III:					
Motor gasoline:					
Receipts from Puerto Rico	0	0	123	508	1,491
Other	47	0	189	2,199	2,316
Total	47	0	312	2,707	3,807
Aviation gasoline	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	212
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	70	1,303	595
Total	0	0	70	1,303	595
Liquefied petroleum gases	266	712	167	5,896	6,577
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	42	0	0	189	0
No. 2 fuel oil	245	146	0	245	1,362
Total	287	146	0	1,268	1,362
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	725	399	263	5,325	992
Total	725	399	263	5,325	992
Petrochemical feedstocks:					
Receipts from Puerto Rico	235	0	63	794	779
Other	514	980	17	1,601	545
Total	749	980	80	3,023	1,324
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	68	364	7	445	1,736
Total	68	364	7	506	1,736
Lubricants	140	62	0	368	336
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	107	0	0	108	25
Total	2,389	2,663	899	20,504	16,973
PAD District IV:					
Motor gasoline	32	0	0	76	138
Aviation gasoline	0	0	0	0	0
Liquefied petroleum gases	505	348	477	3,440	3,585
Distillate fuel oil	0	0	0	0	4
Residual fuel oil	0	0	0	0	0
Special naphthas	0	0	0	2	0
Lubricants	0	0	0	1	0
Total	537	348	477	3,519	3,727
PAD District V:					
Motor gasoline:					
Receipts from Puerto Rico	0	0	0	807	201
Other	374	646	699	4,707	4,732
Total	374	646	699	5,514	4,933
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	413	205	1,475	2,302
Total	0	413	205	1,475	2,302
Kerosene-type jet fuel:					
Bonded aircraft fuel	291	455	336	2,564	1,750
Other	703	470	603	3,941	7,071
Total	994	925	939	6,505	8,823
Liquefied petroleum gases	341	362	473	3,678	4,120
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	15	0	48	50	48
For military offshore use	0	0	407	0	909
No. 2 fuel oil	164	66	93	1,063	1,801
No. 4 fuel oil	0	0	0	0	1,201
Total	179	66	548	1,593	3,959
Residual fuel oil:					
Bonded ships bunker	0	0	0	0	0
For military offshore use	0	0	0	0	0
Other	388	163	1,115	7,573	9,415
Total	388	163	1,115	7,573	9,415
Petrochemical feedstocks	0	0	0	401	43
Special naphthas	2	133	0	409	432
Lubricants	55	0	0	196	273
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	51	0	0	51	25
Total	2,384	2,708	3,979	27,769	34,325

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
Plant condensate:					
PAD District I	0	0	0	14	0
PAD District II	0	0	0	0	110
PAD District III	0	0	0	61	2,891
PAD District IV	373	289	250	2,700	874
PAD District V	20	0	131	443	0
Total	393	289	381	3,218	3,875
Unfinished oils:					
PAD District I	[1]780	801	289	9,708	6,078
PAD District II	1	26	1	215	337
PAD District III	256	224	851	5,349	4,735
PAD District IV	0	0	0	0	0
PAD District V	0	0	1,214	2,325	4,078
Total	1,037	1,051	2,355	17,597	15,228

[1] Includes receipts from Puerto Rico: 780.
Sources: Form ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Mathod of Transportation: October 1980
(Thousand Barrels)

State and District	Crude Oil Input to Refineries	Refinery Fuel Use and Losses	Total Receipts	Daily Average	Refinery Receipts of Domestic Crude Oil						Refinery Receipts of Foreign Crude	
					Intrastate			Interstate				
					Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tankers and Barges
PAD District I:												
Delaware, Maryland	4,352	2	0	0	0	0	0	0	0	0	0.	4,902
Fla., Ga., Va., N.C.	2,675	0	3,461	112	0	0	34	0	122	263	0	1,811
New Jersey, Rhode Is.	13,216	1	0	0	0	0	0	0	0	1,604	0	12,332
New York, New Hampshire	2,958	0	69	2	0	0	0	1,256	0	214	1,107	213
Pennsylvania: East	11,697	0	0	0	0	0	0	0	0	1,028	0	9,509
West	1,906	0	322	10	201	101	0	771	344	135	596	0
West Virginia	651	0	210	7	202	1	0	236	104	125	0	0
Total	[1]37,455	3	4,062	131	403	102	34	2,263	570	3,369	1,703	28,767
PAD District II:												
Illinois	26,641	19	2,821	91	1,077	1	0	16,403	1	0	9,512	0
Indiana	13,560	0	180	6	178	1	0	10,166	8	79	3,422	0
Kansas	12,189	1	5,026	162	3,995	314	0	5,335	0	0	2,620	0
Kentucky, Tennessee	7,020	14	264	9	0	154	0	1,759	71	984	3,525	340
Michigan	2,459	117	2,560	82	1,674	177	0	483	0	0	26	0
Minnesota, Wisconsin	3,627	0	0	0	0	0	0	1,629	0	0	2,636	0
Missouri, Nebraska	2,447	0	660	21	3	0	0	2,454	0	0	0	0
N. and S. Dakota	613	1	1,692	55	366	11	0	87	0	0	0	0
Ohio: East	1,742	0	1,082	35	36	0	0	1,062	0	0	687	0
West	[2]13,098	0	0	0	0	0	0	4,817	0	0	[2]8,282	0
Oklahoma	13,388	4	12,746	411	6,480	726	0	3,907	0	0	565	1,840
Total	96,784	156	27,031	872	13,809	1,384	0	48,102	80	1,063	31,275	2,180
PAD District III:												
Alabama	3,360	21	2,583	83	1,985	53	30	560	56	0	215	385
Arkansas	1,772	0	1,913	62	1,236	86	0	166	0	0	258	0
Louisiana	51,479	20	39,010	1,258	19,874	1,263	4,993	3,967	226	7,557	976	17,051
Mississippi	8,744	0	3,004	97	1,242	231	0	1,999	19	516	107	5,386
New Mexico	2,454	1	5,543	179	1,339	779	0	0	23	0	367	0
Texas	109,384	24	80,665	2,602	49,591	1,979	1,204	6,386	0	4,792	1,832	41,765
Total	177,193	66	132,718	4,281	75,267	4,391	6,227	13,078	324	12,865	3,755	64,587
PAD District IV:												
Colorado	982	0	2,402	78	204	245	0	608	15	0	0	0
Montana	3,760	0	2,416	78	575	137	0	1,491	10	0	1,441	0
Utah	3,898	1	2,268	73	795	514	0	2,456	101	0	0	0
Wyoming	4,662	0	10,488	338	4,469	99	0	15	34	0	0	0
Total	13,302	1	17,574	567	6,043	995	0	4,570	160	0	1,441	0
PAD District V:												
California	56,975	37	28,366	915	23,431	2,435	1,639	201	0	21,201	0	7,712
Washington	10,210	0	0	0	0	0	0	0	0	6,432	670	3,493
Other States [3]	4,176	14	43,371	1,399	697	68	1,179	0	88	652	0	1,061
Total	71,361	51	71,737	2,314	24,128	2,503	2,818	201	88	28,285	670	12,266
United States, total	396,095	277	253,122	8,165	119,650	9,375	9,079	68,214	1,222	45,582	[4]38,844	107,800
Daily Average	12,777	9	8,165	--	3,860	302	293	2,200	39	1,470	1,253	3,477

[1] Includes 21,644 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: October 1980
(Thousand Barrels)

Location of Refineries Receiving Crude Oil	Total Receipts of Domestic Crude Oil	Intra-state Receipts	Interstate Receipts from																	
				PAD District II						PAD District III					PAD District IV						
			PAD Dist. I, Total	Ill., Ind., Mich.	Kansas	Ky., Ohio., Tenn.	Nebr. N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mexico	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total	PAD Dist. V, Total	United States Total
PAD District I:																					
Delaware, Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla., Ga., Va.	419	34	0	0	0	0	0	0	0	85	300	0	0	385	0	0	0	0	0	0	385
New Jersey	1,604	0	0	0	0	0	0	0	0	0	70	0	8	70	0	0	0	0	0	1,534	1,604
New York, New Hamp.	1,470	0	0	485	0	0	0	0	485	0	629	0	142	771	0	0	0	0	0	214	1,470
Pennsylvania: East	1,028	0	0	0	0	0	0	0	0	0	30	0	617	647	0	0	0	0	0	381	1,028
West	1,552	302	73	156	0	443	479	72	1,150	0	0	0	0	0	0	27	0	0	27	0	1,250
West Virginia	668	203	0	0	0	465	0	0	465	0	0	0	0	0	0	0	0	0	0	0	465
Total	6,741	539	73	641	0	908	479	72	2,100	85	1,029	0	759	1,873	0	27	0	0	27	2,129	6,202
PAD District II:																					
Illinois	17,482	1,078	468	1	278	0	84	323	686	0	829	2,850	10,126	13,805	0	211	0	625	836	609	16,404
Indiana	10,432	179	20	539	217	121	800	2,254	3,931	0	250	0	3,653	3,903	107	1,166	753	373	2,399	0	10,253
Kansas	9,644	4,309	0	0	0	0	0	1,758	1,758	0	0	0	1,566	1,566	252	107	0	847	1,206	805	5,335
Kentucky, Tennessee	2,968	154	303	708	0	127	0	0	835	151	1,390	0	78	1,619	0	0	0	57	57	0	2,814
Michigan	2,334	1,851	0	0	0	0	0	0	0	0	79	0	0	79	0	0	0	404	404	0	483
Minnesota, Wisconsin	1,629	0	0	0	0	0	603	0	603	0	0	0	579	579	0	106	0	0	106	341	1,629
Missouri, Nebraska	2,457	3	0	0	11	0	0	240	251	0	0	0	2,049	2,049	0	0	0	154	154	0	2,454
North Dakota	464	377	0	0	0	0	0	0	0	0	0	0	0	0	0	87	0	0	87	0	87
Ohio: East	1,098	36	0	0	0	0	0	0	0	0	906	0	0	906	0	0	0	156	156	0	1,062
West	4,817	0	0	564	0	0	0	0	564	273	921	0	2,785	3,979	0	0	0	274	274	0	4,817
Oklahoma	11,113	7,206	0	0	0	0	0	0	0	0	0	64	3,568	3,632	0	0	0	0	0	275	3,907
Total	64,438	15,193	791	1,812	506	248	1,487	4,575	8,628	424	4,375	2,914	24,404	32,117	359	1,677	753	2,890	5,679	2,030	49,245
PAD District III:																					
Alabama	2,684	2,068	240	0	0	0	0	0	0	376	0	0	0	376	0	0	0	0	0	0	616
Arkansas	1,488	1,322	0	0	0	0	0	0	0	0	43	0	77	120	0	0	0	0	0	46	166
Louisiana	37,880	26,130	1,180	0	0	0	0	0	0	880	0	0	2,645	3,525	0	0	0	0	0	7,045	11,750
Mississippi	4,007	1,473	67	0	0	0	0	0	0	42	2,425	0	0	2,467	0	0	0	0	0	0	2,534
New Mexico	2,141	2,118	0	0	0	0	0	0	0	0	0	0	6	6	16	0	1	0	17	0	23
Texas	63,952	52,774	1,172	0	211	0	0	893	1,104	830	5,008	511	0	6,349	68	0	59	0	127	2,426	11,178
Total	112,152	85,885	2,659	0	211	0	0	893	1,104	2,128	7,476	511	2,728	12,843	84	0	60	0	144	9,517	26,267
PAD District IV:																					
Colorado	1,072	449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87	530	617	6	623
Montana	2,213	712	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1,500	1,500	0	1,501
Utah	3,866	1,309	0	0	0	0	0	0	0	0	0	0	0	0	1,466	0	0	1,000	2,466	91	2,557
Wyoming	4,617	4,568	0	0	0	0	5	0	5	0	0	0	0	0	44	0	0	0	44	0	49
Total	11,768	7,038	0	0	0	0	6	0	6	0	0	0	0	0	1,510	0	87	3,030	4,627	97	4,730
PAD District V:																					
California	48,907	27,505	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21,402	21,402
Other States	9,116	1,944	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	59	7,113	7,172
Total	58,023	29,449	0	0	0	0	0	0	0	0	0	0	0	0	0	0	59	0	59	28,515	28,574
United States, total	253,122	138,104	[1] 3,523	2,453	717	1,156	1,972	5,540	11,838	2,637	12,880	3,425	27,891	46,833	1,953	1,704	959	5,920	10,536	[2] 42,288	115,018
Daily average	8,165	4,455	114	79	23	37	64	179	382	85	416	110	900	1,511	63	55	31	191	340	1,364	3,710

[1] Florida, 3,427; New York, 69 ; Virginia, 0 ; Pennsylvania, 20 ; West Virginia, 7.
[2] Alaska, 41,330; Arizona, 0 ; California, 861 ; Nevada, 97.
Source: Form EIA-87.

Table 21. Production of Natural Gas Plant Liquids in the United States: October 1980
(Thousand Barrels)

PAD District and Refinery District	Ethane	Liquefied Gases							Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Products	Total[2]
		Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total				
PAD District I:												
East Coast	274	238	0	0	0	161	0	399	123	0	0	796
Appalachian No. 1	142	80	0	13	25	0	0	118	25	210	0	495
Total	416	318	0	13	25	161	0	517	148	210	0	1,291
PAD District II:												
Appalachian No. 2	0	0	0	0	0	0	0	0	0	0	0	0
Ind., Ill., etc.	416	551	0	39	87	2	0	679	77	756	2	1,930
Minn., Wisc., etc.	0	89	0	14	28	0	0	131	46	24	0	201
Okla., Kans., etc.	1,663	1,755	291	413	929	100	0	3,488	1,146	356	8	6,661
Total	2,079	2,395	291	466	1,044	102	0	4,298	1,269	1,136	10	8,792
PAD District III:												
Texas Inland	1,020	3,120	1,816	726	1,050	370	65	7,147	2,540	7,023	219	17,949
Texas Gulf	2,821	4,109	2,690	1,290	2,323	73	3	10,488	424	-10,559	6	3,180
Louisiana Gulf	2,337	2,326	486	851	836	52	3	4,554	1,654	-392	198	8,351
Ark., La. Inland, etc.	10	172	0	92	120	15	8	407	104	-25	21	517
New Mexico	87	539	114	99	193	104	0	1,049	386	2,239	3	3,764
Total	6,275	10,266	5,106	3,058	4,522	614	79	23,645	5,108	-1,714	447	33,761
PAD District IV, total	2	461	0	6	87	159	1	714	337	952	26	2,031
PAD District V, total	0	139	0	28	50	0	38	255	284	22	0	561
United States, total	8,772	13,579	5,397	3,571	5,728	1,036	118	29,429	7,146	606	483	46,436

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: October 31, 1980
(Thousand Barrels)

PAD District and Refinery District	Ethane	Liquefied Gases							Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Prod-ucts	Total	Stocks of NGL at Refineries	
		Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total					LPG	Other
PAD District I:														
East Coast	0	1,013	0	0	53	38	0	1,104	2	0	0	1,106	0	0
Appalachian No. 1	0	3,363	0	17	61	0	0	3,441	16	0	0	3,457	0	2
Total	0	4,376	0	17	114	38	0	4,545	18	0	0	4,563	0	2
PAD District II:														
Appalachian No. 2	0	16	2,961	0	43	0	0	3,020	0	0	0	3,020	294	0
Ind., Ill., etc.	22	3,441	0	536	1,094	1	0	5,072	29	101	2	5,226	102	9
Minn., Wisc., etc.	1,731	995	0	3	7	0	360	1,365	15	3	0	3,114	75	129
Okla., Kans., etc.	1,358	21,427	0	1,252	6,148	69	84	28,980	2,255	1,981	1	34,575	493	214
Total	3,111	25,879	2,961	1,791	7,292	70	444	38,437	2,299	2,085	3	45,935	964	352
PAD District III:														
Texas Inland	750	4,885	299	325	1,272	334	707	7,822	1,122	1,006	263	10,963	125	110
Texas Gulf	500	16,715	9,949	3,320	15,602	1,221	50	46,857	5,354	1,112	6	53,829	1,291	1,747
Louisiana Gulf	366	4,662	0	1,826	3,588	5	1,116	11,197	1,431	108	76	13,178	559	146
Ark., La. Inland, etc.	1	7,925	0	110	561	627	1	9,224	58	74	17	9,374	12	94
New Mexico	3	490	39	70	93	22	1	715	147	313	2	1,180	6	45
Total	1,620	34,677	10,287	5,651	21,116	2,209	1,875	75,815	8,112	2,613	364	88,524	1,993	2,142
PAD District IV, total	0	197	0	2	97	38	0	334	164	22	4	524	122	62
PAD District V, total	0	588	0	364	299	161	2	1,344	19	2	0	1,365	59	14
United States, total	4,731	65,717	13,248	7,825	28,848	2,516	2,321	120,475	10,612	4,722	371	140,911	3,138	2,572

[1] Includes plant condensate.
Sources: Forms EIA-64, EIA-87, and EIA-89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: October 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mex.	Total	Other Rocky Mt.	West Coast	United States
Natural gas plant products:																	
Refinery input:																	
Propane	46	0	46	0	77	1	1	79	0	0	185	0	0	185	1	0	311
Butane:																	
Isobutane	21	8	29	64	1,124	28	631	1,847	178	616	874	108	21	1,797	55	188	3,916
Normal butane	0	33	33	85	356	76	263	780	225	508	547	55	0	1,335	5	62	2,215
Other	0	0	0	0	467	31	137	635	105	15	54	0	0	174	313	237	1,359
Total	21	41	62	149	1,947	135	1,031	3,262	508	1,139	1,475	163	21	3,306	373	487	7,490
Butane-propane mix	0	0	0	0	3	0	0	3	0	152	2	0	13	167	0	69	239
Natural gasoline	0	3	3	0	278	53	1,062	1,393	434	2,248	791	195	112	3,780	160	284	5,620
Unfractionated stream[1]	0	0	0	0	100	0	41	141	62	1,110	138	324	2	1,636	23	68	1,868
Total	67	44	111	149	2,405	189	2,135	4,878	1,004	4,649	2,591	682	148	9,074	557	908	15,528
*Stocks at refineries:																	
Propane	0	0	0	0	10	0	0	10	0	433	30	0	0	463	30	0	503
Butane:																	
Isobutane	0	0	0	9	54	27	170	260	96	183	196	12	3	490	31	47	828
Normal butane	0	0	0	285	37	27	293	642	24	675	310	0	0	1,009	2	12	1,665
Other	0	0	0	0	0	21	30	51	5	0	18	0	0	23	59	0	133
Total	0	0	0	294	91	75	493	953	125	858	524	12	3	1,522	92	59	2,626
Butane-propane mix	0	0	0	0	1	0	0	1	0	0	5	0	3	8	0	0	9
Natural gasoline	0	2	2	0	6	129	214	349	106	1,677	141	7	45	1,976	20	14	2,361
Unfractionated stream[1]	0	0	0	0	3	0	0	3	4	70	5	87	0	166	42	0	211
Total	0	2	2	294	111	204	707	1,316	235	3,038	705	106	51	4,135	184	73	5,710
Liquefied refinery gases:																	
Refinery output:																	
Propane and/or propylene:																	
Petrochemical	174	0	174	31	326	0	32	389	0	1,094	110	0	0	1,204	3	237	2,007
Other	529	103	632	0	1,453	65	536	2,054	197	793	1,092	53	9	2,144	113	850	5,793
Total	703	103	806	31	1,779	65	568	2,443	197	1,887	1,202	53	9	3,348	116	1,087	7,800
Butane and/or butylene:																	
Petrochemical	2	0	2	0	0	0	1	1	0	132	98	27	0	257	0	38	298
Other	95	30	125	0	1	5	14	20	62	155	85	7	2	311	49	204	709
Total	97	30	127	0	1	5	15	21	62	287	183	34	2	568	49	242	1,007
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	0	5
Other	0	0	0	0	0	0	0	0	19	37	84	3	16	159	0	111	270
Total	0	0	0	0	0	0	0	0	19	37	89	3	16	164	0	111	275
Isobutane	0	0	0	0	0	0	0	0	9	74	0	0	0	83	1	0	84
Total	800	133	933	31	1,780	70	583	2,464	287	2,285	1,474	90	27	4,163	166	1,440	9,166
*Stocks at refineries:																	
Propane and/or propylene:																	
Petrochemical	29	0	29	2	72	0	3	77	0	6	0	0	0	6	1	0	113
Other	669	9	678	0	1,101	19	352	1,472	90	892	752	4	3	1,741	126	298	4,315
Total	698	9	707	2	1,173	19	355	1,549	90	898	752	4	3	1,747	127	298	4,428
Butane and/or butylene:																	
Petrochemical	0	0	0	0	0	0	0	0	0	4	0	2	0	6	1	0	7
Other	26	4	30	0	116	2	55	173	276	21	43	16	17	373	156	594	1,326
Total	26	4	30	0	116	2	55	173	276	25	43	18	17	379	157	594	1,333
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	0	3
Other	0	0	0	0	0	0	5	5	0	133	8	0	0	141	1	221	368
Total	0	0	0	0	0	0	5	5	0	133	11	0	0	144	1	221	371
Isobutane	0	0	0	0	0	0	0	0	0	7	0	0	0	7	3	0	10
Total	724	13	737	2	1,289	21	415	1,727	366	1,063	806	22	20	2,277	288	1,113	6,142

[1] Includes plant condensate.
*Stocks as of October 31, 1980.
Sources: Forms EIA-87 and EIA-64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District
(Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.) 1980	January - October (Incl.) 1979
All PAD Districts:					
Crude oil[1]	9,586	9,647	5,537	84,619	71,109
Motor gasoline[2]	30	201	14	462	135
Jet fuel:					
Naphtha-type	0	0	0	20	1
Kerosene-type	23	24	6	437	174
Total	23	24	6	457	175
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	273	250	224	2,999	2,198
Butane	485	314	195	3,433	2,009
Total	758	564	419	6,432	4,207
Kerosene	3	11	6	24	22
Distillate fuel oil	7	2	28	1,234	1,077
Residual fuel oil	2,165	643	548	7,654	2,642
Petrochemical feedstocks	721	879	867	8,586	9,101
Special naphthas	120	9	158	1,411	1,650
Lubricants	633	582	702	7,458	6,768
Wax	72	55	74	636	692
Coke	4,375	4,032	4,773	43,094	44,080
Asphalt	10	31	31	222	154
Miscellaneous products	20	23	15	160	138
Total	18,523	16,703	13,178	162,450	141,950
PAD District I:					
Crude oil	198	0	168	1,651	1,152
Motor gasoline	1	(s)	1	10	10
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	0	1
Ethane	(s)	(s)	0	(s)	0
Liquefied fuel:					
Propane	30	40	18	241	171
Butane	36	30	22	254	218
Total	66	70	40	495	389
Kerosene	0	1	4	4	8
Distillate fuel oil	(s)	(s)	4	9	9
Residual fuel oil	0	(s)	1	253	4
Petrochemical feedstocks	48	46	40	485	393
Special naphthas	3	2	4	33	36
Lubricants	107	165	160	1,854	1,674
Wax	4	4	8	55	83
Coke	275	276	683	3,927	2,793
Asphalt	3	25	23	47	74
Miscellaneous products	14	15	11	127	107
Total	719	604	1,147	8,950	6,733
PAD District II:					
Crude oil	887	2,311	1,494	24,530	21,028
Motor gasoline	1	0	0	3	5
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	(s)	0	0	(s)	0
Total	(s)	0	0	(s)	0
Liquefied gases:					
Propane	2	2	7	125	63
Butane	110	16	10	378	77
Total	112	18	17	503	140
Kerosene	0	0	0	(s)	1
Distillate fuel oil	1	(s)	0	3	15
Residual fuel oil	0	0	0	0	56
Petrochemical feedstocks	45	25	57	550	510
Special naphthas	0	1	0	13	15
Lubricants	13	14	19	174	164
Wax	3	1	1	12	15
Coke	875	510	562	3,731	3,685
Asphalt	3	2	1	118	14
Miscellaneous products	(s)	(s)	1	(s)	3
Total	1,940	2,882	2,152	29,637	25,651

---

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrels basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[2] Exports of "Aviation gasoline" are included with "Motor gasoline."

(s) Less than 500 barrels.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District - Continued (Thousand Barrels)

Item	October 1980	September 1980	October 1979	January - October (Incl.)	
				1980	1979
PAD District III:					
Crude oil	0	0	0	3,327	0
Motor gasoline	(s)	197	2	197	2
Jet fuel:					
Naphtha-type	0	0	0	20	0
Kerosene-type	(s)	0	1	(s)	2
Total	(s)	0	1	20	2
Ethane	(s)	0	0	(s)	0
Liquefied gases:					
Propane	165	137	102	1,764	1,024
Butane	229	201	152	2,254	1,587
Total	394	338	254	4,018	2,611
Kerosene	1	(s)	0	3	4
Distillate fuel oil	(s)	1	0	1,112	1
Residual fuel oil	493	599	0	4,008	0
Petrochemical feedstocks	542	418	607	6,307	6,422
Special naphthas	115	4	150	1,335	1,574
Lubricants	442	341	465	4,571	4,283
Wax	60	46	61	504	530
Coke	1,750	1,743	1,696	16,272	17,950
Asphalt	3	2	3	31	18
Miscellaneous products	4	5	3	26	28
Total	3,804	3,694	3,242	41,731	33,425
PAD District IV:					
Crude oil	1	0	40	329	689
Liquefied gases:					
Propane	(s)	0	0	(s)	2
Butane	(s)	0	0	(s)	2
Total	(s)	0	0	(s)	4
Kerosene	0	0	0	0	0
Petrochemical feedstocks	1	(s)	0	6	1
Special naphthas	(s)	0	0	(s)	0
Lubricants	1	1	0	12	7
Coke	0	0	0	0	0
Asphalt	(s)	1	0	5	5
Miscellaneous products	(s)	(s)	0	(s)	0
Total	3	2	40	352	706
PAD District V:					
Crude oil	8,500	7,336	3,835	54,782	48,240
Motor gasoline	28	4	11	252	118
Jet fuel:					
Naphtha-type	0	0	0	0	1
Kerosene-type	23	24	5	437	171
Total	23	24	5	437	172
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	76	71	97	869	938
Butane	110	67	11	547	125
Total	186	138	108	1,416	1,063
Kerosene	2	10	2	17	9
Distillate fuel oil	6	1	24	110	1,052
Residual fuel oil	1,672	44	547	3,393	2,582
Petrochemical feedstocks	85	390	163	1,238	1,775
Special naphthas	2	2	4	30	25
Lubricants	70	61	58	847	640
Wax	5	4	4	65	64
Coke	1,475	1,503	1,832	19,164	19,652
Asphalt	1	1	4	21	43
Miscellaneous products	2	3	0	7	0
Total	12,057	9,521	6,597	81,780	75,435

(s) Less than 500 barrels.
Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

November 1980

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Production of crude petroleum (including lease condensate) in the United States during November averaged 8,499 thousand barrels per day, a decrease of 37 thousand barrels per day below the October level, reports the Energy Information Administration, United States Department of Energy. Compared with November of last year, this represented a decrease of 262 thousand barrels per day, or 3.0 percent. Imports of crude oil for the month of November averaged 4,666 thousand barrels per day, representing a decrease of 35 thousand barrels per day below the October 1980 level and a decrease of 1,562 thousand barrels per day, or 25.1 percent below the amount reported for November 1979. There were 4,264 thousand barrels of crude oil imported into the Strategic Petroleum Reserve during November 1980. Stocks of crude oil at the end of November totaled 475,131 thousand barrels as compared with 475,133 thousand barrels at the end of the previous month and 438,606 thousand barrels at the end of November 1979. At the end of November, stocks of crude oil in the Strategic Petroleum Reserve amounted to 102,320 thousand barrels.

The average gross input to crude oil distillation units during November was 13,445 thousand barrels per day. This figure reflects an increase of 445 thousand barrels per day, or 3.4 percent above that reported for October 1980 and a decrease of 1,456 thousand barrels per day, or 9.8 percent below the November 1979 level. The operating ratio of refineries in the United States during November averaged 73.3 percent of the total operable crude oil distillation capacity. This compares with 70.8 percent in October 1980 and 83.5 percent in November of 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,345 thousand barrels per day for November, 18,373 thousand barrels per day for October 1980, and 17,837 thousand barrels per day for November 1979.

Production of products at natural gas processing plants during November averaged 1,568 thousand barrels per day, compared with 1,498 thousand barrels per day for the previous month and 1,676 thousand barrels per day during November 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of November totaled 136,803 thousand barrels. This was 4.1 million barrels below the stocks of October 31, 1980 and 13.1 million barrels above those at the end of November 1979.

Total disposition of primary supply of all oils in November averaged 17,257 thousand barrels per day. It included 16,694 thousand barrels per day of products supplied for domestic use, crude oil exports of 289 thousand barrels per day, refined products exports of 260 thousand barrels per day, and crude oil losses of 14 thousand barrels per day. Compared with November of last year, total products supplied for domestic use decreased by 1,619 thousand barrels per day, or 8.8 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 37, 17, and 15 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 600.6 for November 1980, compared with 579.6 for October 1980, and 450.4 for November 1979, reports the Bureau of Labor Statistics publication, "Producer Price Indexes--November 1980." The unadjusted producer price index for refined products was 697.6 for November 1980, compared with 689.6 for October 1980, and 544.9 for November 1979.

Note: Throughout this publication, the United States is defined as the 50 states and the District of Columbia. The Hawaiian Foreign Trade Zone is not included.

Prepared April 8, 1981 in the Office of Oil and Gas Statistics.
Released for printing April 23, 1981.

TABLES

1. Supply, Disposition, and Stocks of All Oils 3
2. Comparative Supply and Disposition Statistics 4-7
3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District 8
4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State 8
5. Production of Lease Condensate by State 9
6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States 9
7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District 9
8. Stocks of Crude Oil by State of Origin and Location 10
9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns 10
10. Refinery Input and Output 11
11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals 12
12. Transportation of Petroleum Products by Pipeline 13
13. Movements of Petroleum Products by Pipeline Between PAD Districts .. 14
14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products 15-16
15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region 17
16. Imports of Foreign Crude Oil 18-19
17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District 20-21
18. Imports of Plant Condensate and Unfinished Oils 21
19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation 22
20. Refinery Receipts of Domestic Crude Oil, by States and PAD Districts 23
21. Production of Natural Gas Plant Liquids in the United States 24
22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States 25
23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product 26
24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District 27-28

Table 1. Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

Item		November 1980		October 1980		November 1979	January- November (Incl.)	
		Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	46,818	1,561	49,228	1,588	1,613	542,028	464,233
(2)	Lower 48 states	208,138	6,938	215,386	6,948	7,147	2,337,617	2,390,027
(3)	Total U.S.	254,956	8,499	264,614	8,536	8,761	2,879,645	2,854,260
	Imports:							
(4)	Imports (gross excl. SPR)[2]	135,717	4,524	141,675	4,570	6,228	1,744,321	2,159,246
(5)	SPR imports	4,264	142	4,050	131	0	9,931	24,434
(6)	Exports[3]	-8,669	-289	-9,586	-309	-264	-93,288	-79,034
(7)	Imports (net including SPR)	131,312	4,377	136,139	4,392	5,964	1,660,964	2,104,646
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-5,675	-189	-3,821	-123	0	-11,129	-24,331
(9)	Other stock withdrawals (plus) or additions (minus)	+5,677	+189	-2,499	-81	-85	-33,731	-37,994
(10)	Used directly & losses	-773	-26	-763	-25	-27	-9,489	-9,863
(11)	Unaccounted for[4]	+8,058	+269	+2,425	+78	-74	+25,320	-1,503
(12)	Total other source	+7,287	+243	-4,658	-150	-187	-29,029	-73,691
(13)	Crude input to refineries (13) = (3) + (7) + (12)	393,555	13,119	396,095	12,777	14,537	4,511,580	4,885,215
	Natural gas plant liquids (NGPL):							
(14)	Production	47,052	1,568	46,436	1,498	1,676	523,964	527,627
(15)	Imports	259	9	393	13	14	3,477	4,286
(16)	Stock withdrawals (plus) or additions (minus)	+1,041	+35	-303	-10	-6	-2,576	-3,010
(17)	Total NGPL Supply	48,352	1,612	46,526	1,501	1,684	524,865	528,903
	Other liquids:							
	Unfinished oils:							
(18)	Imports	1,409	47	1,037	33	102	19,006	18,280
	Stock withdrawals (plus) or additions (minus)	+4,635	+155	+988	+32	-138	-8,802	-10,114
(20)	Net reruns, input (plus) output (minus)	+6,044	+201	+2,025	+65	-36	+10,204	+8,166
(21)	Other hydrocarbons	1,309	44	1,369	44	60	16,240	14,707
(22)	Refinery processing gain	18,665	622	16,152	521	599	198,236	173,046
(23)	Crude used directly	349	12	337	11	12	4,648	4,648
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	26,367	879	19,883	641	635	229,328	200,567
(25)	Total production of refined products (25) = (13) + (17) + (24)	468,274	15,609	462,504	14,919	16,856	5,265,773	5,614,685
	Refined product imports:							
(26)	Imports (gross)	50,188	1,673	48,250	1,556	1,798	510,900	612,759
(27)	Exports[3]	-7,795	-260	-8,937	-288	-246	-85,626	-78,207
(28)	Imports (net)	42,393	1,413	39,313	1,268	1,552	425,274	534,552
(29)	Total new supply of products (29) = (25) + (28)	510,667	17,022	501,817	16,188	18,408	5,691,047	6,149,237
(30)	Refined products stock withdrawn (plus) or added (minus)	-9,835	-328	+22,421	+723	-95	-35,715	+21,264
(31)	Total products supplied for domestic use (31) = (29) + (30)	500,832	16,694	524,238	16,911	18,313	5,655,332	6,170,501
	Major refined products supplied:							
(32)	Motor gasoline	187,123	6,237	206,527	6,662	6,791	2,202,465	2,358,932
(33)	Distillate fuel oil	87,485	2,916	90,467	2,918	3,247	935,572	1,093,508
(34)	Residual fuel oil	72,889	2,430	68,932	2,224	2,815	827,261	938,169
(35)	Jet fuel, total	30,873	1,029	32,149	1,037	1,070	357,531	358,513
(36)	Liquefied gases	36,028	1,201	38,016	1,226	1,375	364,476	410,260
(37)	Other	86,434	2,881	88,147	2,843	3,015	968,027	1,011,119
(38)	Total products supplied (38) = (32) through (37)	500,832	16,694	524,238	16,911	18,313	5,655,332	6,170,501
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	372,811	--	378,488	--	*347,415	--	--
(40)	Strategic petroleum reserve(SPR)	102,320	--	96,645	--	*91,191	--	--
(41)	Unfinished oils	126,454	--	131,089	--	*118,845	--	--
(42)	Natural gasoline[5] and unfractionated stream[6]	16,865	--	17,906	--	*14,133	--	--
(43)	Refined products	815,440	--	805,605	--	*767,772	--	--
(44)	Total	1,433,890	--	1,429,733	--	*1,339,356	--	--

[1] Daily Average columns may not add due to independent rounding.

[2] Imports of crude oil include some Athabasca hydrocarbons.

[3] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.

[4] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

[5] Includes isopentane.

[6] Includes plant condensate.

*Stocks: 1,000 barrels.

Sources: Forms ERA-60, ERA-182, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, EIA-90, and IA-170; Bureau of Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

Item	November 1980		October 1980		November 1979	January - November (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Gross input to crude oil distillation units	403,359	13,445	402,992	13,000	14,901	4,615,763	4,986,376
Isopentane							
Production	879	29	878	28	24	8,239	8,764
Stocks at plants	617	--	880	--	*309	617	309
Used at refineries	1,140	38	960	31	24	7,927	8,619
Supplied for domestic use	2	(s)	0	0	0	3	0
Natural Gasoline							
Production	7,895	263	6,268	202	362	87,629	88,218
Stocks:							
At refineries	2,309	--	2,361	--	*1,002	2,309	1,002
At plants	9,318	--	9,732	--	*8,587	9,318	8,587
Total	11,627	--	12,093	--	*9,589	11,627	9,589
Imports	0	0	0	0	0	0	0
Used at refineries	4,119	137	4,660	150	210	51,046	61,561
Supplied for domestic use	4,242	141	337	11	136	34,514	23,816
Unfractionated Stream (Including Plant Condensate)							
Production	919	31	606	20	41	14,716	17,397
Stocks:							
At refineries	266	--	211	--	*336	266	336
At plants	4,355	--	4,722	--	*3,899	4,355	3,899
Total	4,621	--	4,933	--	*4,235	4,621	4,235
Imports	259	9	393	13	14	3,477	4,286
Used at refineries	1,474	49	1,868	60	65	17,877	21,534
Supplied for domestic use	16	1	17	1	(s)	118	125
Total Finished Gasoline							
Production:							
At refineries	194,482	6,483	190,925	6,159	6,706	2,181,772	2,290,618
At gas processing plants	388	13	285	9	19	5,257	5,924
Total	194,870	6,496	191,210	6,168	6,725	2,187,029	2,296,542
Stocks:							
At refineries	259,538	--	248,977	--	*223,120	259,538	223,120
At plants	202	--	171	--	*161	202	161
Total	259,740	--	249,148	--	*223,281	259,740	223,281
Imports	3,793	126	4,700	152	182	47,308	57,844
Exports	13	(s)	30	1	1	475	151
Supplied for domestic use	188,058	6,269	207,762	6,702	6,833	2,214,462	2,371,956
Motor Gasoline							
Production:							
At refineries	193,674	6,456	189,857	6,124	6,673	2,170,494	2,278,762
At gas processing plants	324	11	218	7	16	4,689	4,969
Total	193,998	6,467	190,075	6,131	6,689	2,175,183	2,283,731
Stocks:							
At refineries	257,059	--	246,422	--	*220,472	257,059	220,472
At plants	113	--	95	--	*106	113	106
Total	257,172	--	246,517	--	*220,578	257,172	220,578
Imports	3,793	126	4,700	152	182	47,308	57,837
Exports	13	(s)	30	1	1	475	151
Supplied for domestic use	187,123	6,237	206,527	6,662	6,791	2,202,465	2,358,932
Aviation Gasoline							
Production:							
At refineries	808	27	1,068	34	33	11,278	11,856
At gas processing plants	64	2	67	2	3	568	955
Total	872	29	1,135	37	36	11,846	12,811
Stocks:							
At refineries	2,479	--	2,555	--	*2,648	2,479	2,648
At plants	89	--	76	--	*55	89	55
Total	2,568	--	2,631	--	*2,703	2,568	2,703
Imports	0	0	0	0	0	0	7
Supplied for domestic use	935	31	1,235	40	42	11,997	13,024
Total Jet Fuel							
Production	29,652	988	30,299	977	1,029	335,757	335,989
Stocks	43,921	--	43,177	--	*36,161	43,921	36,161
Imports	1,983	66	2,891	93	83	27,650	25,216
Exports	18	1	23	1	1	475	196
Supplied for domestic use	30,873	1,029	32,149	1,037	1,070	357,531	358,513
Naphtha-Type Jet Fuel							
Production:							
At refineries	5,645	188	5,758	186	170	62,548	58,415
At gas processing plants	0	0	0	0	0	0	0
Total	5,645	188	5,758	186	170	62,548	58,415
Stocks:							
At refineries	6,413	--	6,430	--	*4,911	6,413	4,911
At plants	0	--	0	--	*0	0	0
Total	6,413	--	6,430	--	*4,911	6,413	4,911
Imports	799	27	486	16	38	10,418	7,018
Exports	0	0	0	0	0	20	1
Supplied for domestic use	6,461	215	6,434	208	218	72,127	66,479
Kerosene-Type Jet Fuel							
Production	24,007	800	24,541	792	858	273,209	277,574
Stocks	37,508	--	36,747	--	*31,250	37,508	31,250
Imports	1,184	39	2,405	78	45	17,232	18,198
Exports	18	1	23	1	1	455	195
Supplied for domestic use	24,412	814	25,715	830	852	285,404	292,034

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition - Continued
(Thousand Barrels)

Item	November 1980		October 1980		November 1979	January - November	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
			Ethane (Including Ethylene)				
Production:							
At refineries	279	9	116	4	5	1,884	2,420
At gas processing plants	8,522	284	8,772	283	283	93,736	95,251
Total	8,801	293	8,888	287	288	95,620	97,671
Stocks:							
At refineries	0	--	0	--	*0	0	0
At plants	5,023	--	4,731	--	*5,726	5,023	5,726
Total	5,023	--	4,731	--	*5,726	5,023	5,726
Imports	1,462	49	2,478	80	27	17,751	15,326
Exports	0	0	0	0	0	1	0
Supplied for domestic use:							
Refinery ethane/ethylene	279	9	116	4	5	1,884	2,420
Plant ethane	9,692	323	10,891	351	333	112,220	111,701
Total	9,971	332	11,007	355	338	114,104	114,121
			Total Liquefied Gases				
Production:							
At refineries (LRG):							
For fuel use	7,064	235	6,772	218	233	79,208	77,325
For chemical use	2,374	79	2,394	77	85	29,045	33,737
Total	9,438	315	9,166	296	318	108,253	111,062
At gas processing plants (LPG)	28,222	941	29,429	949	938	311,934	309,415
Total	37,660	1,255	38,595	1,245	1,255	420,187	420,477
Stocks:							
LRG:							
For fuel use	6,628	--	6,009	--	*6,003	6,628	6,003
For chemical use	235	--	133	--	*147	235	147
Total	6,863	--	6,142	--	*6,150	6,863	6,150
LPG:							
At refineries	3,036	--	3,138	--	*2,872	3,036	2,872
At plants	117,164	--	120,475	--	*104,864	117,164	104,864
Total	120,200	--	123,613	--	*107,736	120,200	107,736
Total	127,063	--	129,755	--	*113,886	127,063	113,886
Imports	5,471	182	5,244	169	227	49,238	55,935
Exports	684	23	758	24	18	7,116	4,734
LPG used at refineries	9,111	304	8,040	259	288	75,902	76,789
Supplied for domestic use:							
LRG for fuel use	6,445	215	6,832	220	241	78,456	78,467
LRG for chemical use	2,272	76	2,461	79	84	28,934	33,858
LPG for fuel and chemical use	27,311	910	28,723	927	1,050	257,086	297,935
Total	36,028	1,201	38,016	1,226	1,375	364,476	410,260
			Propane (Including Propylene)				
Production:							
At refineries:							
For fuel use	6,099	203	5,793	187	206	65,324	63,568
For chemical use	2,091	70	2,007	65	66	23,929	26,556
Total	8,190	273	7,800	252	272	89,253	90,124
At gas processing plants	13,590	453	13,579	438	449	145,289	149,664
Total	21,780	726	21,379	690	721	234,542	239,788
Stocks:							
Refinery propane/propylene:							
For fuel use	4,879	--	4,315	--	*4,053	4,879	4,053
For chemical use	216	--	113	--	*130	216	130
Total	5,095	--	4,428	--	*4,183	5,095	4,183
Plant propane:							
At refineries	674	--	503	--	*178	674	178
At plants	66,572	--	65,717	--	*64,163	66,572	64,163
Total	67,246	--	66,220	--	*64,341	67,246	64,341
Total	72,341	--	70,648	--	*68,524	72,341	68,524
Imports	2,714	90	3,430	111	124	22,395	28,742
Exports	313	10	273	9	9	3,312	2,462
Plant propane used at refineries	299	10	311	10	14	4,163	4,552
Supplied for domestic use:							
Refinery propane/propylene:							
For fuel use	5,535	185	5,848	189	216	64,482	64,429
For chemical use	1,988	66	2,071	67	65	23,820	26,663
Total	7,523	251	7,919	255	281	88,302	91,092
Plant propane	14,666	489	17,829	575	677	152,612	187,834
Total	22,189	740	25,748	831	958	240,914	278,926
			Butane (Including Butylene)				
Production:							
At refineries:							
For fuel use	686	23	709	23	19	10,494	10,967
For chemical use	198	7	298	10	13	4,171	4,918
Total	884	29	1,007	32	33	14,665	15,885
At gas processing plants	6,198	207	6,764	218	207	69,630	69,980
Total	7,082	236	7,771	251	240	84,295	85,865
Stocks:							
Refinery butane/butylene:							
For fuel use	1,351	--	1,326	--	*1,623	1,351	1,623
For chemical use	8	--	7	--	*11	8	11
Total	1,359	--	1,333	--	*1,634	1,359	1,634
Plant butane:							
At refineries	1,402	--	1,798	--	*1,863	1,402	1,863
At plants	28,141	--	31,364	--	*25,131	28,141	25,131
Total	29,543	--	33,162	--	*26,994	29,543	26,994
Total	30,902	--	34,495	--	*28,628	30,902	28,628
Imports	1,548	52	1,362	44	75	17,310	19,585
Exports	371	12	485	16	9	3,804	2,272
Plant butane used at refineries	5,296	177	3,574	115	163	33,841	36,318
Supplied for domestic use:							
Refinery butane/butylene:							
For fuel use	661	22	736	24	17	10,647	11,433
For chemical use	197	7	297	10	14	4,170	4,925
Total	858	29	1,033	33	31	14,817	16,358
Plant butane	5,698	190	5,142	166	166	43,521	45,286
Total	6,556	219	6,175	199	196	58,338	61,644

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics - Continued
(Thousand Barrels)

Item	November 1980		October 1980		November 1979	January - November (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Butane-Propane Mixture							
Production:							
At refineries:							
For fuel use	279	9	270	9	8	3,390	3,153
For chemical use	17	1	5	(s)	0	98	0
Total	296	10	275	9	8	3,488	3,153
At gas processing plants	87	3	118	4	3	1,201	1,047
Total	383	13	393	13	11	4,689	4,200
Stocks:							
Refinery butane-propane mixture:							
For fuel use	398	—	368	—	*327	398	327
For chemical use	1	—	3	—	*1	1	1
Total	399	—	371	—	*328	399	328
Plant butane-propane mixture:							
At refineries	13	—	9	—	*6	13	6
At plants	2,274	—	2,321	—	*1,615	2,274	1,615
Total	2,287	—	2,330	—	*1,621	2,287	1,621
Total	2,686	—	2,701	—	*1,949	2,686	1,949
Imports	1,209	40	452	15	28	9,533	7,608
Plant butane-propane mixture used at refineries	242	8	239	8	6	2,303	2,087
Supplied for domestic use:							
Refinery butane-propane mixture:							
For fuel use	249	8	248	8	8	3,327	2,605
For chemical use	19	1	3	(s)	0	98	364
Total	268	9	251	8	8	3,425	2,969
Plant butane-propane mixture	1,097	37	397	13	27	7,526	6,380
Total	1,365	46	648	21	35	10,951	9,349
Ethane-Propane Mixture							
Production	5,210	174	5,397	174	173	60,718	53,990
Stocks	12,608	—	13,248	—	*5,483	12,608	5,483
Imports	0	0	0	0	0	0	0
Supplied for domestic use	5,850	195	5,355	173	180	53,427	58,435
Isobutane							
Production:							
At refineries	68	2	84	3	5	847	1,900
At gas processing plants	3,137	105	3,571	115	105	35,096	34,734
Total	3,205	107	3,655	118	110	35,943	36,634
Stocks:							
Refinery isobutane	10	—	10	—	*5	10	5
Plant isobutane:							
At refineries	947	—	828	—	*825	947	825
At plants	7,569	—	7,825	—	*8,472	7,569	8,472
Total	8,516	—	8,653	—	*9,297	8,516	9,297
Total	8,526	—	8,663	—	*9,302	8,526	9,302
Plant isobutane used at refineries	3,274	109	3,916	126	105	35,595	33,832
Supplied for domestic use:							
Refinery isobutane for chemical use	68	2	90	3	5	846	1,906
Kerosene (Including Range Oil)							
Production:							
At refineries	3,917	131	3,845	124	172	45,079	60,697
At gas processing plants	3	(s)	3	(s)	(s)	32	37
Total	3,920	131	3,848	124	172	45,111	60,734
Stocks:							
At refineries	12,670	—	12,436	—	*15,937	12,670	15,937
At plants	2	—	2	—	*2	2	2
Total	12,672	—	12,438	—	*15,939	12,672	15,939
Imports	22	1	138	4	8	2,675	2,629
Exports	7	(s)	3	(s)	0	31	22
Supplied for domestic use	3,701	123	4,490	145	153	50,907	61,732
Distillate Fuel Oil							
Production:							
At refineries	80,984	2,699	80,270	2,589	3,239	885,093	1,050,749
At gas processing plants	11	(s)	12	(s)	1	151	160
Total	80,995	2,700	80,282	2,590	3,240	885,244	1,050,909
Crude used directly as distillate	43	1	43	1	1		496
Stocks:							
At refineries:							
No. 4 fuel oil	3,589	—	3,589	—	*3,834	3,589	3,834
Other	219,672	—	222,122	—	*232,807	219,672	232,807
Total	223,261	—	225,711	—	*236,641	223,261	236,641
At plants	15	—	20	—	*20	15	20
Total	223,276	—	225,731	—	*236,661	223,276	236,661
Imports	3,994	133	3,553	115	193	45,621	63,380
Exports	2	(s)	7	(s)	(s)	1,236	1,078
Supplied for domestic use	87,485	2,916	90,467	2,918	3,247	935,572	1,093,508
Residual Fuel Oil							
Production	47,323	1,577	46,907	1,513	1,736	526,571	556,870
Crude used directly as residual	306	10	294	9	10	4,152	4,152
Stocks	93,814	—	90,989	—	*90,799	93,814	90,799
Imports	[2]30,730	1,024	27,009	871	1,046	304,792	380,534
Exports	2,645	88	2,165	70	5	10,299	2,782
Supplied for domestic use	72,889	2,430	68,932	2,224	2,815	827,261	938,169
Petrochemical Feedstocks[3]							
Production	19,652	655	18,589	600	721	234,292	228,932
Stocks	6,964	—	7,783	—	*4,141	6,964	4,141
Imports:							
Naphtha-400°	0	0	0	0	0	0	0
Other	1,402	47	1,379	44	12	8,669	3,588
Total	1,402	47	1,379	44	12	8,669	3,588
Exports:							
Naphtha-400°	160	5	107	3	4	1,785	1,504
Other	1,044	35	614	20	31	8,005	8,675
Total	1,204	40	721	23	36	9,790	10,179
Supplied for domestic use:							
Still gas	1,348	45	1,282	41	35	14,375	11,929
Naphtha-400°	8,226	274	7,843	253	238	81,417	78,695
Other	11,095	370	10,951	353	428	134,410	132,018
Total	20,669	689	20,076	648	702	230,202	222,642

[1] Daily Average columns may not add due to independent rounding.
[2] Includes foreign crude oil to be burned as fuel: 64.
[3] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are excluded and are included with data under items "Ethane" and "Liquefied gases."
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition Statistics - Continued
(Thousand Barrels)

Item	November 1980		October 1980		November 1979	January - November (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Special Naphthas							
Production:							
At refineries	2,875	96	3,033	98	96	32,120	31,698
At gas processing plants	131	4	90	3	4	1,278	1,301
Total	3,006	100	3,123	101	100	33,398	32,999
Stocks:							
At refineries	4,767	--	4,689	--	*3,637	4,767	3,637
At plants	78	--	93	--	*79	78	79
Total	4,845	--	4,782	--	*3,716	4,845	3,716
Imports	811	27	136	4	6	2,683	3,457
Exports	268	9	120	4	1	1,679	1,690
Supplied for domestic use	3,486	116	3,433	111	103	33,815	35,173
Lubricants							
Production	5,047	168	5,296	171	193	59,728	64,958
Stocks	13,161	--	13,221	--	*11,615	13,161	11,615
Imports	122	4	328	11	10	2,375	3,167
Exports:							
Grease	19	1	24	1	1	227	243
Oil	481	16	609	19	25	7,731	7,304
Total	500	17	633	20	26	7,958	7,547
Supplied for domestic use	4,729	158	5,502	177	177	53,533	61,196
Wax[2]							
Production	536	18	576	19	19	5,780	6,298
Stocks	543	--	492	--	*679	543	679
Imports	0	0	0	0	0	0	0
Exports	51	2	72	2	1	687	732
Supplied for domestic use	434	14	564	18	16	5,281	5,646
Coke[3]							
Production:							
Marketable coke	6,080	203	5,718	184	219	68,710	68,619
Catalyst coke	4,933	164	5,212	168	163	55,117	56,679
Total	11,013	367	10,930	353	382	123,827	125,298
Stocks	5,007	--	4,868	--	*5,252	5,007	5,252
Exports	2,364	79	4,375	141	157	45,458	48,776
Supplied for domestic use	8,510	284	6,898	223	225	78,572	82,338
Asphalt[4]							
Production	10,942	365	12,598	406	469	132,048	157,255
Stocks	16,959	--	16,058	--	*16,551	16,959	16,551
Imports	141	5	217	7	3	1,331	1,402
Exports	17	1	10	(s)	1	239	170
Supplied for domestic use	10,165	339	15,799	510	458	135,222	162,825
Road Oil							
Production	142	5	367	12	2	2,486	1,475
Stocks	260	--	346	--	*76	260	76
Supplied for domestic use	228	8	357	12	4	2,570	1,627
Still Gas for Fuel							
Production	15,923	531	14,978	483	541	180,513	188,067
Miscellaneous Products							
Production:							
At refineries	3,212	107	3,274	106	121	33,809	37,251
At gas processing plants	82	3	93	3	3	992	1,160
Total	3,294	110	3,367	109	124	34,801	38,411
Stocks:							
At refineries	2,163	--	2,001	--	*3,256	2,163	3,256
At plants	29	--	85	--	*33	29	33
Total	2,192	--	2,086	--	*3,289	2,192	3,289
Imports	257	9	177	6	(s)	807	279
Exports	22	1	20	1	(s)	182	150
Supplied for domestic use	3,423	114	3,454	111	120	36,676	38,787
Unfinished Oils (Net)							
Input (plus) Output (minus)	+6,044	+201	+2,025	+65	-36	+10,204	+8,166
Stocks	126,454	--	131,089	--	*118,845	126,454	118,845
Imports	1,409	47	1,037	33	102	19,006	18,280

[1] Daily Average columns do not add due to independent rounding.
[2] For Wax, 1 barrel = 280 pounds.
[3] For Coke, 5 barrels = 1 short ton.
[4] For Asphalt, 5.5 barrels = 1 short ton.
*Stocks: 1,000 barrels. (s) less than 500 barrels per day.
Note: "Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and product pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.
Sources: Forms ERA-60, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, and EIA-90; Bureau of Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District[1]
(Thousand Barrels)

State and PAD District	November 1980		October 1980	November	January - November (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
PAD District I:						
Florida	3,573	119.1	117.5	3,793	39,216	43,287
New York	E66	2.2	2.2	75	773	781
Pennsylvania	E218	7.3	7.3	221	3,251	2,656
Virginia	0	0.0	0.0	0	0	4
West Virginia	E198	6.6	6.6	210	2,053	2,201
Total	E4,055	135.2	133.6	4,299	45,293	48,929
PAD District II:						
Illinois	1,808	60.3	63.7	1,877	20,846	19,891
Indiana	E383	12.8	12.8	226	4,231	4,262
Kansas	4,887	162.9	168.7	4,788	54,889	52,071
Kentucky	493	16.4	17.1	452	5,389	5,029
Michigan	E2,825	94.2	76.7	2,756	29,923	31,743
Missouri	E6	0.2	0.2	7	65	84
Nebraska	502	16.7	17.4	460	5,726	5,567
North Dakota	3,553	118.4	99.2	2,704	36,321	27,932
Ohio	E1,001	33.4	33.4	920	11,483	11,000
Oklahoma	12,657	421.9	421.9	12,084	138,328	131,414
South Dakota	65	2.2	1.9	61	724	779
Tennessee	67	2.2	2.2	56	668	562
Total	E28,247	941.6	915.2	26,391	308,593	290,334
PAD District III:						
Alabama	1,895	63.2	61.6	1,689	19,956	17,351
Arkansas	1,447	48.2	48.7	1,525	16,602	17,252
Louisiana:						
Gulf Coast	33,286	1,109.5	1,179.5	40,027	398,568	418,892
Rest of State	2,539	84.6	83.9	2,722	29,564	29,160
Total	35,825	1,194.2	1,263.4	42,749	428,132	448,052
Mississippi	2,836	94.5	95.7	3,072	33,648	34,091
New Mexico:						
Southeastern	5,423	180.8	185.9	6,118	63,484	67,219
Northwestern	524	17.5	17.1	554	5,628	5,631
Total	5,947	198.2	203.0	6,672	69,112	72,850
Texas:						
District 01	1,582	52.7	55.3	1,581	17,692	17,521
District 02	3,672	122.4	125.3	4,172	43,401	48,567
District 03	11,012	367.1	359.6	10,255	116,333	118,499
District 04	2,477	82.6	81.2	2,641	27,795	28,264
District 05	828	27.6	27.3	895	9,681	10,798
District 06, except East Texas	3,831	127.7	128.9	4,294	45,312	49,085
East Texas	4,734	157.8	159.4	4,885	53,729	55,247
District 07B	2,343	78.1	77.7	2,344	26,002	25,878
District 07C	2,605	86.8	86.4	2,595	28,773	27,897
District 08	19,572	652.4	658.0	20,306	220,825	227,884
District 08A	22,106	736.9	747.4	24,299	255,959	276,265
District 09	2,736	91.2	89.7	2,801	30,725	30,310
District 10	1,560	52.0	51.8	1,512	17,234	17,252
Total	79,058	2,635.3	2,647.8	82,580	893,461	933,467
Total	127,008	4,233.6	4,320.1	138,287	1,460,911	1,523,063
PAD District IV:						
Colorado	E2,474	82.5	80.7	2,615	27,198	29,671
Montana	2,544	84.8	75.8	2,591	26,971	27,337
Utah	2,636	87.9	65.5	2,273	23,571	25,530
Wyoming	E10,833	361.1	361.1	8,752	118,115	121,301
Total	E18,487	616.2	583.1	16,231	195,855	203,839
PAD District V:						
Alaska[3]	46,818	1,560.6	1,588.0	48,395	542,028	464,233
Arizona	26	0.9	1.0	42	371	426
California						
South	6,846	228.2	225.5	7,178	76,305	81,060
Central Coastal	4,902	163.4	160.7	4,931	53,427	55,417
East Central	18,436	614.5	604.3	16,946	195,640	185,592
North	19	0.6	0.6	20	192	222
Total	30,203	1,006.8	991.1	29,075	325,564	322,291
Nevada	E112	3.7	3.7	98	1,030	1,145
Total	E77,159	2,572.0	2,583.9	77,610	868,993	788,095
United States, total	E254,956	8,498.5	8,535.9	262,818	2,879,645	2,854,260
Pennsylvania Grade (included above)	E1,143	38.1	38.1	1,122	13,926	13,008

[1] Includes offshore production.
[2] Daily Average columns may not add due to independent rounding.
[3] North Slope Production: Current month, 43,981; Year-to-date, 510,025.
E=Estimate.
Sources: ERA-182, State Conservation Agencies, and the U.S. Geological Survey.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State[1]
(Thousand Barrels)

State	November 1980		October 1980	November	January - November (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
Alaska[3]	2,535	84.5	86.4	2,867	29,744	35,425
California:						
Federal	836	27.9	27.2	889	9,237	10,082
State	3,287	109.6	107.2	3,426	36,783	38,340
Total	4,123	137.4	134.5	4,315	46,020	48,422
Louisiana:						
Federal	19,299	643.3	701.6	24,665	234,262	239,895
State	2,082	69.4	76.8	2,348	25,263	26,945
Total	21,381	712.7	778.5	27,013	259,525	266,840
Texas:						
Federal	1,039	34.6	34.6	398	8,042	2,955
State	143	4.8	4.6	197	1,817	2,312
Total	1,182	39.4	39.2	595	9,859	5,267
United States, total	29,221	974.0	1,038.4	34,790	345,148	355,954

[1] These production data are included in Table 3.
[2] Daily Average columns may not add due to independent rounding.
[3] All offshore production within State boundaries.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State[1]
(Thousand Barrels)

State	November 1980		October 1980	November 1979	January - November (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
Alabama	1,081	36.0	34.6	848	10,988	7,666
California	18	0.6	0.5	19	185	198
Louisiana	6,054	201.8	199.6	6,520	67,239	68,792
Mississippi	374	12.5	12.6	200	2,472	1,811
New Mexico	419	14.0	14.8	480	4,884	4,508
Oklahoma	789	26.3	25.8	525	6,902	5,682
Texas	3,304	110.1	103.7	3,291	34,574	34,103
Total	12,039	401.3	391.7	11,883	127,244	122,760

[1] These production data are in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed; however, statistics on this production are not available.
[2] Daily Average columns may not add due to independent rounding.
E=estimate.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	November 1980		October 1980	November 1979	January - November (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
Supply:						
Production	254,956	8,499	8,536	262,818	2,879,645	2,854,260
Imports	139,981	4,666	4,701	186,837	1,754,252	2,183,680
Total new supply	394,937	13,165	13,237	449,655	4,633,897	5,037,940
Stock changes:						
Domestic crude	-7,151	-238	+218	+3,221	+34,597	+23,462
Foreign crude	+7,149	+238	-14	-660	+10,263	+38,863
Unaccounted for[2]	+8,058	+269	+78	-2,234	+25,320	-1,503
Disposition by use:						
Refinery inputs, domestic crude	252,968	8,432	8,025	252,312	2,757,209	2,756,507
Refinery inputs, foreign crude	140,587	4,686	4,752	183,808	1,754,371	2,128,708
Exports	8,669	289	309	7,925	93,288	79,034
Transfers	349	12	11	349	4,648	4,648
Losses	424	14	14	466	4,841	5,215
Total	402,997	13,433	13,111	444,860	4,614,357	4,974,112

[1] Daily Average columns may not add due to independent rounding.
[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.
Sources: Forms ERA-60, EIA-87, EIA-90, ERA-182; Bureau of Census publications EM 522 and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District
(Thousand Barrels)

State of Origin	November 1980		October 1980	November 1979	January - November (Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]		1980	1979
PAD District I:						
Florida	3,748	125.0	114.4	3,930	38,437	45,376
New York	65	2.2	2.2	77	772	780
Pennsylvania	273	9.1	2.7	246	3,162	2,446
Virginia	0	0.0	0.0	0	0	4
West Virginia	215	7.2	6.8	217	2,089	2,106
Total	4,301	143.4	126.1	4,470	44,460	50,712
PAD District II:						
Illinois	2,051	68.4	65.9	1,954	21,117	20,216
Indiana	407	13.6	14.3	251	4,254	4,315
Kansas	5,238	174.6	157.1	4,853	53,786	52,025
Kentucky	532	17.7	17.4	460	5,286	5,144
Michigan	2,746	91.5	74.2	2,829	29,776	31,550
Missouri	6	0.2	0.2	7	65	84
Nebraska	476	15.9	20.5	611	5,840	7,070
North Dakota	4,864	162.1	54.7	2,649	35,718	27,630
Ohio	1,106	36.9	24.8	319	12,222	10,242
Oklahoma	12,681	422.7	415.9	12,481	137,675	132,505
South Dakota	64	2.1	1.8	61	723	781
Tennessee	68	2.3	2.2	57	669	562
Total	30,239	1,008.0	849.0	26,532	307,131	292,124
PAD District III:						
Alabama	1,868	62.3	59.2	1,527	19,345	17,322
Arkansas	1,370	45.7	52.8	1,561	16,592	16,961
Louisiana	36,595	1,219.8	1,235.7	44,153	424,999	443,589
Mississippi	3,091	103.0	99.5	3,276	33,206	34,331
New Mexico	6,045	201.5	185.6	6,522	68,441	72,410
Texas	81,170	2,705.7	2,612.7	79,501	890,343	920,924
Total	130,139	4,338.0	4,245.3	136,540	1,452,926	1,505,537
PAD District IV:						
Colorado	2,644	88.1	74.1	2,773	27,334	29,659
Montana	2,394	79.8	76.2	2,605	26,751	27,228
Utah	2,586	86.2	73.0	2,390	23,782	25,686
Wyoming	9,665	322.2	317.6	9,449	113,346	118,634
Total	17,289	576.3	540.9	17,217	191,213	201,207
PAD District V:						
Alaska	47,452	1,581.7	1,599.0	45,734	523,729	460,280
Arizona	25	0.8	1.0	42	370	426
California	32,549	1,085.0	953.0	28,968	324,196	319,364
Nevada	113	3.8	3.7	94	1,023	1,148
Total	80,139	2,671.3	2,556.8	74,838	849,318	781,218
United States:						
Domestic crude	262,107	8,736.9	8,318.1	259,597	2,845,048	2,830,798
Foreign crude	132,832	4,427.7	4,714.8	187,497	1,743,989	2,144,817
Total	394,939	13,164.6	13,032.9	447,094	4,589,037	4,975,615
Pennsylvania Grade (included above)	1,259	42.0	29.2	1,218	10,876	12,709

[1] Daily Average columns may not add due to independent rounding.
Sources: Forms ERA-60, ERA-182, EIA-87, and EIA-90; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State of Origin and Location
(Thousand Barrels)

State and PAD District	November 30, 1980	October 31, 1980	November 30, 1980				October 31, 1980
	Total for State of Origin	Total for State of Origin	At Refineries	At Tank Farms and Pipelines	On Leases	Total All Locations	Total All Locations
PAD District I:							
Delaware, Maryland	0	0	1,851	0	0	1,851	1,881
Florida, Georgia, NC, VA, W. Va	3,045	3,237	1,702	583	48	2,333	2,642
New Hampshire, New York, Rhode Island	5	4	767	1,309	0	2,076	2,263
New Jersey	0	0	8,111	0	0	8,111	6,970
Pennsylvania	558	613	5,922	1,228	26	7,176	6,371
Total	3,608	3,854	18,353	3,120	74	21,547	20,127
PAD District II:							
Illinois	1,820	2,063	5,732	16,710	80	22,522	22,882
Indiana	432	456	1,440	2,813	2	4,255	4,522
Iowa, Missouri, Nebraska	371	345	281	7,657	28	7,966	7,608
Kansas	5,329	5,680	2,257	7,313	248	9,818	9,890
Kentucky, Tennessee	349	389	1,354	3,789	10	5,153	5,239
Michigan	2,719	2,640	853	2,438	125	3,416	3,084
Minnesota, Wisconsin	0	0	2,306	2,424	0	4,730	5,083
North Dakota, South Dakota	2,528	3,838	276	1,230	137	1,643	1,507
Ohio	1,357	1,462	2,532	4,332	85	6,949	5,293
Oklahoma	15,867	15,891	1,956	20,681	843	23,480	23,840
Total	30,772	32,764	18,987	69,387	1,558	89,932	88,948
PAD District III:							
Alabama	995	968	723	1,333	42	2,098	1,800
Arkansas	942	865	107	1,170	147	1,424	1,355
Louisiana	28,747	29,517	19,733	81,644	2,321	103,698	103,436
Mississippi	2,409	2,664	2,995	4,517	188	7,700	8,274
New Mexico	8,694	8,792	727	2,937	1,706	5,370	5,553
Texas	99,217	101,329	34,716	116,101	12,746	163,563	164,545
Total	141,004	144,135	59,001	[1]207,702	17,150	[2]283,853	284,963
PAD District IV:							
Colorado	1,616	1,786	193	778	150	1,121	1,259
Montana	3,216	3,066	823	1,470	403	2,696	2,960
Utah	1,045	995	766	882	271	1,919	1,827
Wyoming	23,414	22,246	1,398	9,929	419	11,746	10,964
Total	29,291	28,093	3,180	13,059	1,243	17,482	17,010
PAD District V:							
California	22,285	24,631	23,595	13,105	1,388	38,088	41,914
Other States[3]	53,908	54,542	7,684	16,512	33	24,229	22,171
Total	76,193	79,173	31,279	29,617	1,421	62,317	64,085
United States:							
Domestic crude	[4]280,868	288,019	73,855	185,567	21,446	280,868	288,019
Foreign crude	194,263	187,114	56,945	137,318	--	[5]194,263	187,114
Total	475,131	475,133	130,800	322,885	21,446	475,131	475,133

[1] Includes 102,320 located in the Strategic Petroleum Reserve.
[2] Includes 178,246 located in Texas-Louisiana Gulf Coast.
[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.
[4] Includes 1,801 of Pennsylvania Grade.
[5] Stocks of foreign crude in PAD District I, 14,501; District II, 19,674; District III. 148,921; District IV, 1,136; District V, 10,031.

Sources: Forms ERA-60, EIA-87, EIA-90, ERA-182; Bureau of Census publications EM 522 and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns: November 1980
(Thousand Barrels)

Refinery District	Total Gasoline[1]	Special Naphthas	Kerosene	Distillate Fuel Oil	Residual Fuel Oil	Total Jet Fuel	All Other Products[2]
East Coast	43.9	0.2	0.5	22.8	13.3	5.0	14.3
Appalachian #1	42.5	0.6	1.1	21.7	10.2	6.3	17.6
Appalachian #2	42.4	0.0	3.3	22.7	11.1	0.0	20.5
Indiana, Illinois, etc.	57.9	0.4	0.6	19.9	5.3	4.6	11.3
Minnesota, Wisconsin, etc.	51.4	0.0	0.2	26.2	8.3	2.6	11.3
Oklahoma, Kansas, etc.	53.6	0.7	0.0	27.0	4.0	3.9	10.8
Texas Inland	50.7	1.2	0.2	21.8	5.4	5.9	14.8
Texas Gulf	41.4	1.2	1.9	16.9	10.7	6.6	21.3
Louisiana Gulf	45.6	0.2	1.4	20.1	10.5	9.9	12.3
Arkansas, Louisiana Inland, etc.	32.2	4.9	1.4	23.2	14.4	3.4	20.5
New Mexico	35.8	0.0	2.9	26.8	14.1	11.5	8.9
Rocky Mountain	49.7	0.2	0.6	27.3	7.0	5.8	9.4
West Coast	43.3	0.7	0.3	13.5	22.3	11.1	8.8
U.S. Totals:							
November 1980	46.7	0.7	0.9	19.4	11.4	7.1	13.8
October 1980	46.0	0.7	0.9	19.3	11.3	7.3	14.5
November 1979	41.8	0.7	1.2	22.3	12.0	7.1	14.9

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.
[2] Includes processing gain.
Source: Form EIA-87.

Table 10. Refinery Input and Output: November 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Input																	
Crude Petroleum:																	
Domestic	3,033	3,620	6,653	612	¹21,720	3,191	24,371	66,334	12,130	51,068	38,494	4,879	2,502	109,073	11,421	59,487	252,968
Foreign	31,184	564	31,748	567	38,160	4,151	3,189	¹29,627	1,054	38,002	25,358	1,008	63	65,485	1,482	12,245	¹140,587
Total	34,217	4,184	38,401	1,179	59,880	7,342	27,560	95,961	13,184	89,070	63,852	5,887	2,565	174,558	12,903	71,732	393,555
Unfinished oils rerun (net)	+1,548	+414	+1,962	-189	+1,488	+8	+31	+1,338	+1,261	+1,127	-80	+115	-190	+2,233	+352	+159	+6,044
Total crude and unfin. rerun	35,765	4,598	40,363	990	61,368	7,350	27,591	97,299	14,445	90,197	63,772	6,002	2,375	176,791	13,255	71,891	399,599
Natural gas liquids:																	
LPG	7	47	54	60	1,852	427	1,165	3,504	515	1,976	1,837	145	43	4,516	311	726	9,111
Natural gasoline	0	4	4	0	392	46	982	1,420	408	2,010	644	195	106	3,363	172	300	5,259
Unfractionated stream²	0	1	1	0	131	0	40	171	72	749	110	339	2	1,272	12	18	1,474
Total	7	52	59	60	2,375	473	2,187	5,095	995	4,735	2,591	679	151	9,151	495	1,044	15,844
Other hydrocarbons	92	21	113	0	200	0	28	228	37	265	195	0	0	497	67	404	1,309
Output																	
Gasoline:																	
Motor Gasoline	15,725	1,985	17,710	445	36,930	4,020	15,941	57,336	7,835	39,108	30,225	2,154	905	80,227	6,849	31,552	193,674
Aviation gasoline	12	0	12	0	76	0	28	104	8	332	147	0	0	487	20	185	808
Total	15,737	1,985	17,722	445	37,006	4,020	15,969	57,440	7,843	39,440	30,372	2,154	905	80,714	6,869	31,737	194,482
Jet fuel:																	
Naphtha-type	602	186	788	0	280	64	472	816	345	627	589	188	262	2,011	387	1,643	5,645
Kerosene-type	1,193	110	1,303	0	2,648	139	701	3,488	568	5,667	5,991	37	28	12,291	420	6,505	24,007
Total	1,795	296	2,091	0	2,928	203	1,173	4,304	913	6,294	6,580	225	290	14,302	807	8,148	29,652
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	205	40	0	0	245	0	34	279
LRG:																	
For fuel use	856	150	1,006	0	1,471	138	566	2,175	243	1,002	1,415	65	30	2,755	176	952	7,064
For chemical use	218	0	218	6	339	0	40	385	11	1,222	283	18	1	1,535	4	232	2,374
Total	1,074	150	1,224	6	1,810	138	606	2,560	254	2,224	1,698	83	31	4,290	180	1,184	9,438
Kerosene	170	53	223	35	405	12	7	459	35	1,840	895	95	74	2,939	84	212	3,917
Distillate fuel oil	8,175	1,014	9,189	238	12,710	2,047	8,052	23,047	3,374	16,112	13,378	1,547	676	35,087	3,772	9,889	80,984
Residual fuel oil	4,780	476	5,256	117	3,403	647	1,203	5,370	831	10,187	7,013	965	356	19,352	971	16,374	47,323
Petrochemical feedstocks:																	
Still gas	47	16	63	0	1	0	0	1	3	1,131	75	0	0	1,209	0	75	1,348
Naphtha-400°	419	0	419	0	187	0	112	299	240	6,101	875	44	0	7,260	13	250	8,241
Other	177	78	255	0	238	0	41	279	271	6,690	2,165	81	0	9,207	2	320	10,063
Total	643	94	737	0	426	0	153	579	514	13,922	3,115	125	0	17,676	15	645	19,652
Special Naphthas	87	30	117	0	276	0	211	487	183	1,110	142	329	0	1,764	21	486	2,875
Lube oil:																	
Bright stock	60	152	212	0	29	0	19	48	0	167	58	0	0	225	0	26	511
Neutral	234	202	436	0	340	0	265	605	0	805	570	55	0	1,430	17	289	2,777
Other grades	120	8	128	0	111	0	98	209	21	1,149	71	59	0	1,300	5	117	1,759
Total	414	362	776	0	480	0	382	862	21	2,121	699	114	0	2,955	22	432	5,047
Wax	26	48	74	0	15	0	31	46	87	113	101	29	0	330	32	54	³536
Coke	832	30	862	5	2,063	225	1,018	3,311	242	1,826	1,488	51	18	3,625	252	2,963	11,013
Asphalt	2,099	28	2,127	77	2,134	336	1,036	3,583	560	602	675	881	112	2,830	597	1,805	10,942
Road oil	0	0	0	0	101	0	12	113	0	0	0	0	0	0	12	17	142
Still gas for fuel	1,475	131	1,606	0	3,052	101	1,182	4,335	417	3,517	2,404	156	56	6,550	504	2,928	15,923
Miscellaneous	137	30	167	0	154	14	95	263	380	1,285	653	50	0	2,368	20	394	3,212
Processing gain (-) or loss (+)	-1,580	-56	-1,636	+127	-3,020	+80	-1,324	-4,137	-177	-5,601	-2,695	-123	+8	-8,588	-341	-3,963	-18,665
Crude oil distillation units:																	
Gross input (1,000 b/d)⁴	1,172	142	1,314	41	2,028	259	933	3,261	476	3,085	2,161	213	88	6,023	449	2,398	13,445
Capacity (1,000 b/d)⁵	1,834	210	2,044	66	2,776	324	1,135	4,301	642	4,584	2,648	295	130	8,299	613	3,088	18,345
Operating ratio (percent)⁶	63.9	67.6	64.3	62.1	73.1	79.9	82.2	75.8	74.1	67.3	81.6	72.2	67.7	72.6	73.2	77.7	73.3

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[1] Includes some Athabasca hydrocarbons.
[2] Input item "Unfractionated stream" includes "Plant condensate."
[3] Includes microcrystalline, 171; crystalline-fully refined, 255; and crystalline-other, 110.
[4] Includes crude oil, products of natural gas processing plants, and other oils charged to crude oil distillation units during the month.
[5] Represents operable capacity at the beginning of the month.
[6] Represents gross input divided by capacity.
Source: Form EIA-87.

Table 11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals: November 30, 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appa- lachian #1	Total	Appa- lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark.. La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Motor gasoline:																	
Refinery	10,249	981	11,230	143	16,795	2,110	6,602	25,650	4,262	19,418	13,051	1,208	465	38,404	4,592	18,806	98,682
Bulk terminal	38,806	3,429	42,235	2,126	19,149	4,125	5,952	31,352	2,639	7,188	2,004	2,729	246	14,806	2,008	10,038	100,439
Pipeline	15,006	698	15,704	880	6,254	1,365	7,138	15,637	2,360	5,236	5,852	9,029	144	22,621	1,174	2.802	57,938
Total	64,061	5,108	69,169	3,149	42,198	7,600	19,692	72,639	9,261	31,842	20,907	12,966	855	75,831	7,774	31,646	257,059
Aviation gasoline:																	
Refinery	50	0	50	0	236	0	37	273	13	376	287	0	0	676	38	259	1,296
Bulk terminal	391	38	429	0	232	85	39	356	33	0	16	8	36	93	11	245	1,134
Pipeline	0	0	0	0	31	0	6	37	5	5	0	0	0	10	2	0	49
Total	441	38	479	0	499	85	82	666	51	381	303	8	36	779	51	504	2,479
Naphtha-type jet fuel:																	
Refinery	131	111	242	0	512	61	433	1,006	202	506	394	190	209	1,501	252	1,154	4,155
Bulk terminal	27	0	27	18	181	13	193	405	141	234	0	31	45	451	4	152	1,039
Pipeline	268	0	268	3	22	17	87	129	34	0	11	142	101	288	99	435	1,219
Total	426	111	537	21	715	91	713	1,540	377	740	405	363	355	2,240	355	1,741	6,413
Kerosene-type jet fuel:																	
Refinery	1,184	82	1,266	0	1,724	58	337	2,119	334	3,502	2,216	35	16	6,103	300	4,687	14,475
Bulk terminal	4,914	106	5,020	111	2,942	607	777	4,437	127	401	113	53	18	712	265	2,297	12,731
Pipeline	2,754	28	2,782	136	735	146	1,834	2,851	549	1,162	798	1,439	0	3,948	111	610	10,302
Total	8,852	216	9,068	247	5,401	811	2,948	9,407	1,010	5,065	3,127	1,527	34	10,763	676	7,594	37,508
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRG:																	
For fuel use	729	9	738	0	1,470	28	476	1,974	340	1,364	729	8	11	2,452	315	1,149	6,628
For chemical use	69	0	69	1	137	0	3	141	0	17	1	2	0	20	5	0	235
Total	798	9	807	1	1,607	28	479	2,115	340	1,381	730	10	11	2,472	320	1,149	6,863
Kerosene:																	
Refinery	194	166	360	16	834	24	170	1,044	30	1,647	406	55	89	2,227	71	146	3,848
Bulk terminal	4,472	362	4,834	177	1,357	85	276	1,895	6	617	25	17	0	665	26	72	7,492
Pipeline	522	23	545	134	184	2	20	340	13	21	61	350	0	445	0	0	1,330
Total	5,188	551	5,739	327	2,375	111	466	3,279	49	2,285	492	422	89	3,337	97	218	12,670
Distillate fuel oil:																	
Refinery	7,944	539	8,483	86	8,628	2,117	5,139	15,970	1,284	13,179	6,436	1,869	170	22,938	1,962	6,319	55,672
Bulk terminal	83,410	3,092	86,502	2,040	17,725	4,916	5,640	30,321	1,524	5,655	2,289	1,311	76	10,855	785	6,001	134,464
Pipeline	8,710	339	9,049	847	3,239	1,257	6,707	12,050	567	3,031	2,439	4,307	96	10,440	545	1,041	33,125
Total	100,064	3,970	104,034	2,973	29,592	8,290	17,486	58,341	3,375	21,865	11,164	7,487	342	44,233	3,292	13,361	[1]223,261
Residual fuel oil:																	
Refinery	4,765	305	5,070	95	3,257	342	975	4,669	462	10,523	4,411	539	207	16,142	861	9,090	35,832
Bulk terminal	41,629	371	42,000	307	2,211	227	1,179	3,924	32	3,493	5,396	160	0	9,081	0	2,977	[2]57,982
Total	46,394	676	47,070	402	5,468	569	2,154	8,593	494	14,016	9,807	699	207	25,223	861	12,067	[2]93,814
Petrochemical feedstocks:																	
Naphtha-400°	134	0	134	0	115	0	87	202	197	3,000	521	51	0	3,769	2	300	4,407
Other	1	58	59	0	116	0	25	141	138	1,815	306	34	0	2,293	0	64	2,557
Total	135	58	193	0	231	0	112	343	335	4,815	827	85	0	6,062	2	364	6,964
Special naphthas:																	
Refinery	73	38	111	1	244	0	184	429	80	1,302	149	175	0	1,706	19	497	2,762
Bulk terminal	1,234	18	1,252	142	257	76	150	625	0	0	2	45	0	47	0	81	2,005
Total	1,307	56	1,363	143	501	76	334	1,054	80	1,302	151	220	0	1,753	19	578	4,767
Lube oil:																	
Bright stock	227	388	615	0	55	0	61	116	0	197	55	0	0	252	4	36	1,023
Neutral	786	526	1,312	0	660	0	535	1,195	0	1,463	858	68	0	2,389	56	408	5,360
Other grades	1,895	191	2,086	29	621	21	206	877	54	2,224	416	163	15	2,872	14	929	6,778
Total	2,908	1,105	4,013	29	1,336	21	802	2,188	54	3,884	1,329	231	15	5,513	74	1.373	[3]13,161
Wax	14	88	102	0	37	0	24	61	31	219	98	1	0	349	6	25	[4]543
Coke	1,053	0	1,053	0	865	6	298	1,169	7	432	483	31	0	953	492	1,340	5,007
Asphalt	4,027	515	4,542	281	3,090	994	1,272	5,637	512	736	1,090	770	268	3.376	1,141	2,263	[3]16,959
Road oil	0	0	0	0	211	0	10	221	0	0	0	2	0	2	7	30	260
Miscellaneous	227	50	277	0	131	4	334	469	113	480	544	76	0	1,213	0	204	[3]2.163
Unfinished oils	15,150	1,431	16,581	400	17,470	957	7,918	26,745	2,966	30,099	17,551	998	173	51,787	2,671	28,670	126,454
Refined products, total	251,045	13,982	265,027	7,973	111,727	19,643	55,124	194,467	19,055	119,542	69,008	25,896	2,385	235,886	17,838	103,127	816,345

[1] Includes No. 4 fuel oil: PAD District I, 2,519; PAD District II, 119; PAD District III, 669; PAD District IV, 7; PAD District V, 275.
[2] Includes pipeline stocks: PAD District V, 98.
[3] Includes bulk terminal stocks: Lubes, 2,681; Asphalt, 5,068; and Miscellaneous, 72.
[4] Includes microcrystalline, 118; crystalline-fully refined, 228; and crystalline-other, 197.

Note: Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or receive petroleum products by tanker, barge, or pipeline. Pipeline stocks include pipeline fill.
Sources: Forms EIA-87, EIA-88, and EIA-89.

Table 12. Transportation of Petroleum Products by Pipeline
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
Turned into lines:					
Gasoline:					
Motor	169,969	167,777	176,406	1,946,796	2,016,102
Aviation	330	624	343	3,793	4,066
Total	170,299	168,401	176,749	1,950,589	2,020,168
Jet fuel:					
Naphtha-type	3,056	3,104	3,369	37,756	39,327
Kerosene-type	27,639	25,556	29,302	305,367	318,383
Total	30,695	28,660	32,671	343,123	357,710
Kerosene	2,636	2,255	2,950	24,500	28,665
Distillate fuel oil	67,552	65,867	72,701	632,174	786,826
Residual fuel oil	165	132	221	1,567	2,545
Natural gas liquids	51,502	53,103	62,254	572,850	616,528
Other products	228	242	151	4,606	447
Delivered from lines:					
Gasoline:					
Motor	165,797	170,182	174,738	1,945,572	2,023,088
Aviation	311	646	362	3,653	3,857
Total	166,108	170,828	175,100	1,949,225	2,026,945
Jet fuel:					
Naphtha-type	3,053	3,251	3,283	37,649	39,293
Kerosene-type	27,368	25,149	27,787	300,819	311,330
Total	30,421	28,400	31,070	338,468	350,623
Kerosene	2,594	1,929	2,614	24,109	27,216
Distillate fuel oil	66,753	66,811	72,674	695,530	785,563
Residual fuel oil	167	116	227	1,553	2,574
Natural gas liquids	52,087	54,249	63,717	570,798	620,350
Other products	201	240	150	4,480	446
Shortage (or overage):					
Gasoline:					
Motor	292	(717)	(249)	(4,260)	(5,132)
Aviation	21	28	5	124	130
Total	313	(689)	(244)	(4,136)	(5,002)
Jet fuel:					
Naphtha-type	62	(32)	(6)	83	11
Kerosene-type	52	287	449	3,436	4,073
Total	114	255	443	3,519	4,084
Kerosene	82	141	47	1,040	1,034
Distillate fuel oil	(335)	(592)	(223)	1,603	(1,573)
Residual fuel oil	(12)	(9)	(5)	(55)	(44)
Natural gas liquids	71	345	298	2,847	2,329
Other products	0	2	1	4	1
Stocks in lines and working tanks at end of month:					
Gasoline:					
Motor	57,938	54,058	49,507	57,938	49,507
Aviation	49	51	99	49	99
Total	57,987	54,109	49,606	57,987	49,606
Jet fuel:					
Naphtha-type	1,219	1,278	1,127	1,219	1,127
Kerosene-type	10,302	10,083	8,903	10,302	8,903
Total	11,521	11,361	10,030	11,521	10,030
Kerosene	1,330	1,370	2,063	1,330	2,063
Distillate fuel oil	33,125	31,991	35,331	33,125	35,331
Residual fuel oil	98	88	15	98	15
Natural gas liquids	34,649	35,305	35,280	34,649	35,280
Other products	45	18	0	45	0

Source: Form EIA-89.

Table 13. Movements of Petroleum Products by Pipeline Between PAD Districts
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.) 1980	January - November (Incl.) 1979
From PAD District 1 to PAD District 2:					
Gasoline:					
Motor	4,427	4,405	4,544	48,311	50,685
Aviation	4	3	0	55	67
Total	4,431	4,408	4,544	48,366	50,752
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	144	187	129	1,953	2,067
Total	144	187	129	1,953	2,067
Kerosene	42	11	20	278	309
Distillate fuel oil	1,459	1,437	1,526	15,166	15,748
From PAD District 2 to PAD District 1:					
Gasoline:					
Motor	1,005	1,010	1,163	9,770	9,780
Total	1,005	1,010	1,163	9,770	9,780
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	24	54	183
Distillate fuel oil	435	401	187	2,433	2,092
Natural gas liquids	593	539	2,451	10,184	12,951
From PAD District 2 to PAD District 3:					
Gasoline:					
Motor	1,608	1,743	1,257	17,791	15,192
Total	1,608	1,743	1,257	17,791	15,192
Jet fuel:					
Naphtha-type	24	0	60	531	617
Kerosene-type	15	53	42	502	245
Total	39	53	102	1,033	862
Distillate fuel oil	362	421	522	4,274	4,696
Natural gas liquids	1,895	2,150	2,003	22,366	21,025
From PAD District 2 to PAD District 4:					
Gasoline:					
Motor	1,469	1,623	1,489	16,135	15,925
Aviation	17	31	25	194	276
Total	1,486	1,654	1,514	16,329	16,201
Jet fuel:					
Kerosene-type	541	556	526	4,760	4,924
Total	541	556	526	4,760	4,924
Kerosene	0	0	0	8	0
Distillate fuel oil	284	336	218	3,034	2,946
Natural gas liquids	200	158	220	1,606	1,519
From PAD District 3 to PAD District 1:					
Gasoline:					
Motor	33,505	38,524	32,328	418,694	400,868
Aviation	19	19	7	199	256
Total	33,524	38,543	32,335	418,893	401,124
Jet fuel:					
Naphtha-type	101	192	147	1,381	1,351
Kerosene-type	4,915	5,441	4,975	56,382	58,533
Total	5,016	5,633	5,122	57,763	59,884
Kerosene	767	540	834	6,754	8,975
Distillate fuel oil	15,240	15,760	16,117	172,812	185,313
Natural gas liquids	1,567	1,704	1,444	16,454	19,860
From PAD District 3 to PAD District 2:					
Gasoline:					
Motor	6,369	5,566	6,648	62,770	69,558
Aviation	98	48	109	537	1,441
Total	6,467	5,614	6,757	63,307	70,999
Jet fuel:					
Naphtha-type	3	0	1	9	8
Kerosene-type	1,293	981	1,395	13,262	14,402
Total	1,296	981	1,396	13,271	14,410
Kerosene	1	201	211	712	1,827
Distillate fuel oil	3,394	2,774	2,624	19,659	29,611
Natural gas liquids	6,564	8,418	4,328	66,725	72,731
From PAD District 3 to PAD District 4:					
Gasoline:					
Motor	0	0	0	0	0
Aviation	0	0	0	0	0
Total	0	0	0	0	0
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Natural gas liquids	0	0	0	0	0
From PAD District 3 to PAD District 5:					
Gasoline:					
Motor	893	735	1,019	9,384	9,342
Total	893	735	1,019	9,384	9,342
Jet fuel:					
Naphtha-type	88	82	45	1,030	1,196
Kerosene-type	78	71	81	1,076	990
Total	166	153	126	2,106	2,186
Distillate fuel oil	393	307	453	4,007	4,423
From PAD District 4 to PAD District 2:					
Gasoline:					
Motor	379	407	451	4,607	5,023
Total	379	407	451	4,607	5,023
Jet fuel:					
Naphtha-type	12	0	21	121	242
Kerosene-type	6	13	10	84	84
Total	18	13	31	205	326
Kerosene	0	0	0	0	0
Distillate fuel oil	276	307	302	3,360	3,396
Natural gas liquids	381	428	420	4,879	4,500
From PAD District 4 to PAD District 3:					
Natural gas liquids	0	0	0	0	0
From PAD District 4 to PAD District 5:					
Gasoline:					
Motor	505	384	710	6,720	8,167
Total	505	384	710	6,720	8,167
Jet fuel:					
Naphtha-type	70	44	67	789	828
Kerosene-type	72	44	70	640	722
Total	142	88	137	1,429	1,550
Distillate fuel oil	154	158	184	2,060	2,575

Source: Form EIA-89.

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.) 1980	January - November (Incl.) 1979
PAD District I to PAD District II:					
Crude oil	0	0	0	1,194	0
Unfinished oils	8	30	0	163	139
Gasoline:					
Motor	1,373	1,357	1,365	15,471	10,967
Aviation	0	0	0	0	0
Total	1,373	1,357	1,365	15,471	10,967
Special naphthas	0	0	8	8	24
Jet fuel:					
Naphtha-type	98	93	8	1,147	419
Kerosene-type	98	192	148	1,514	1,306
Total	196	285	156	2,661	1,725
Kerosene	62	32	49	550	485
Distillate fuel oil	414	379	203	5,306	3,794
Residual fuel oil	0	0	30	20	222
Lubricating oil	10	5	19	101	136
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	116
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	18	9	29	266	370
Other products	16	0	0	16	38
Total	2,097	2,097	1,859	25,756	18,016
PAD District I to PAD District III:					
Crude oil	0	182	414	3,087	3,914
Unfinished oils	0	230	970	1,896	5,114
Gasoline:					
Motor	680	61	0	1,495	1,630
Aviation	0	0	0	0	0
Total	680	61	0	1,495	1,630
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	277	0	277	72
Kerosene-type	0	0	0	0	0
Total	0	277	0	277	72
Kerosene	0	0	0	0	0
Distillate fuel oil	256	11	0	1,018	292
Residual fuel oil	0	73	0	233	338
Lubricating oil	55	0	26	2,021	612
Wax	0	8	0	39	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	81	0	640	61
Other products	49	0	127	405	518
Total	1,040	923	1,537	11,111	12,551
PAD District II to PAD District I:					
Crude oil	62	62	0	1,004	10
Unfinished oils	0	65	0	89	172
Gasoline:					
Motor	9	13	142	878	1,763
Aviation	0	0	0	0	0
Total	9	13	142	878	1,763
Special naphthas	0	0	0	25	55
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	45	72	47	355	91
Total	45	72	47	355	91
Kerosene	0	0	0	0	11
Distillate fuel oil	0	0	152	390	1,217
Residual fuel oil	80	117	65	1,381	2,317
Lubricating oil	24	62	70	339	390
Wax	0	0	0	16	0
Asphalt and road oil	43	0	42	250	979
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	8	31	0	145	17
Other products	0	9	0	9	33
Total	271	431	518	4,881	7,055
PAD District II to PAD District III:					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	530	1,657	2,111
Gasoline:					
Motor	35	44	0	1,492	187
Aviation	0	0	0	32	0
Total	35	44	0	1,524	187
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	34	0
Total	0	0	0	34	0
Kerosene	0	0	0	0	0
Distillate fuel oil	16	352	164	2,455	904
Residual fuel oil	681	793	211	8,568	452
Lubricating oil	0	0	0	64	146
Wax	0	0	0	9	0
Asphalt and road oil	0	0	0	0	13
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	9	0	0	455	128
Other products	8	8	0	386	32
Total	749	1,197	905	15,152	3,973

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.) 1980	January - November (Incl.) 1979
PAD District III to PAD District I:[1]					
Crude oil	836	988	952	6,710	7,541
Unfinished oils	220	150	42	4,177	3,507
Gasoline:					
Motor	10,418	10,718	13,387	127,959	160,056
Aviation	210	233	277	2,593	3,290
Total	10,628	10,951	13,664	130,552	163,346
Special naphthas	389	486	527	4,427	4,668
Jet fuel:					
Naphtha-type	726	635	89	7,013	4,286
Kerosene-type	3,092	2,718	3,579	35,233	32,933
Total	3,818	3,353	3,668	42,246	37,219
Kerosene	279	259	439	3,220	5,154
Distillate fuel oil	4,263	4,347	6,968	53,693	73,792
Residual fuel oil	4,738	6,167	3,301	69,185	38,129
Lubricating oil	737	878	834	9,913	9,987
Wax	20	14	14	195	181
Asphalt and road oil	412	300	319	3,752	3,578
Liquefied gases	131	109	19	540	464
Petrochemical feedstocks	571	152	117	2,070	1,442
Other products	763	857	1,082	5,336	6,178
Total	27,805	29,011	31,946	336,016	355,186
PAD District III to PAD District II:					
Crude oil	1,254	1,266	534	12,244	4,725
Unfinished oils	236	318	0	1,003	498
Gasoline:					
Motor	2,820	601	1,598	17,482	17,789
Aviation	70	100	28	757	443
Total	2,890	701	1,626	18,239	18,232
Special naphthas	174	224	165	1,747	1,881
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	218	228	216	1,939	2,568
Total	218	228	216	1,939	2,568
Kerosene	44	44	18	504	530
Distillate fuel oil	1,318	178	277	5,190	5,337
Residual fuel oil	1,408	184	354	5,679	7,786
Lubricating oil	339	323	329	3,465	3,599
Wax	0	0	0	76	0
Asphalt and road oil	320	172	303	3,078	4,440
Liquefied gases	11	10	0	51	207
Petrochemical feedstocks	66	95	56	682	671
Other products	47	60	58	486	312
Total	8,325	3,803	3,936	54,383	50,786
PAD District III to PAD District V:					
Crude oil	0	0	0	0	0
Unfinished oils	437	0	444	1,573	1,569
Gasoline:					
Motor	43	0	0	677	1,067
Aviation	0	0	0	51	38
Total	43	0	0	728	1,105
Special naphthas	0	0	0	10	0
Jet fuel:					
Naphtha-type	0	0	146	487	146
Kerosene-type	15	40	76	750	1,583
Total	15	40	222	1,237	1,729
Kerosene	0	0	0	76	23
Distillate fuel oil	0	0	0	34	824
Residual fuel oil	0	0	0	332	294
Lubricating oil	217	86	278	1,882	1,506
Wax	0	0	0	0	9
Petrochemical feedstocks	0	46	0	46	18
Other products	13	0	0	53	19
Total	725	172	944	5,971	7,096
PAD District V to PAD District I:					
Crude oil	2,214	1,432	1,798	27,863	14,753
Gasoline:					
Motor	0	0	0	251	0
Aviation	0	0	0	0	0
Total	0	0	0	251	0
Special naphthas	0	0	0	0	0
Distillate fuel oil	0	0	0	20	0
Residual fuel oil	144	289	0	1,149	0
Lubricating oil	0	4	0	34	28
Other products	0	12	0	13	10
Total	2,358	1,737	1,798	29,330	14,791
PAD District V to PAD District III:					
Crude oil	6,020	7,286	4,601	92,062	42,358
Motor gasoline	0	0	0	0	104
Kerosene-type jet fuel	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Residual fuel oil	45	0	0	249	0
Wax	0	0	0	0	0
Lubricating oil	47	63	18	550	481
Unfinished oils	145	30	0	1,531	548
Other products	40	40	0	222	313
Total	6,297	7,419	4,619	94,614	43,804

[1] Breakdown by region shown in Table 15.
Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
To New England:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	0	0	0
Gasoline:					
Motor	1,061	849	1,390	13,073	25,298
Aviation	11	18	34	255	309
Total	1,072	867	1,424	13,328	25,607
Special naphthas	54	23	56	452	490
Jet fuel:					
Naphtha-type	44	8	0	311	239
Kerosene-type	135	233	413	3,934	5,990
Total	179	241	413	4,245	6,229
Kerosene	111	85	116	1,282	1,669
Distillate fuel oil	990	1,023	2,362	14,323	23,199
Residual fuel oil	483	1,482	0	9,543	1,778
Lubricating oil	0	9	0	802	372
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	0
Other products	0	0	5	106	81
Total	2,889	3,730	4,376	44,271	59,425
To Central Atlantic:[2]					
Crude oil	786	724	952	6,292	7,541
Unfinished oils	133	0	0	2,178	2,731
Gasoline:					
Motor	718	535	2,040	9,124	21,841
Aviation	48	45	72	573	764
Total	766	580	2,112	9,697	22,605
Special naphthas	197	373	279	2,895	2,650
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	371	346	1,085	4,366	3,848
Total	371	346	1,085	4,366	3,848
Kerosene	90	133	191	1,112	2,177
Distillate fuel oil	911	911	1,951	10,748	22,979
Residual fuel oil	2,236	1,191	1,262	17,648	12,423
Lubricating oil	584	577	618	6,852	7,163
Wax	20	14	14	195	181
Asphalt and road oil	14	31	0	175	265
Liquefied gases	0	0	0	0	207
Petrochemical feedstocks	568	143	71	1,906	1,073
Other products	595	644	868	3,376	5,016
Total	7,271	5,667	9,403	67,440	91,573
To Lower Atlantic:[3]					
Crude oil	50	264	0	418	0
Unfinished oils	87	150	42	1,809	776
Gasoline:					
Motor	8,639	9,334	9,957	105,762	112,917
Aviation	151	170	171	1,765	2,217
Total	8,790	9,504	10,128	107,527	115,134
Special naphthas	138	90	192	1,080	1,528
Jet fuel:					
Naphtha-type	682	627	89	6,383	4,047
Kerosene-type	2,586	2,139	2,081	27,252	22,381
Total	3,268	2,766	2,170	33,635	26,428
Kerosene	78	41	132	826	1,308
Distillate fuel oil	2,362	2,413	2,655	28,622	27,614
Residual fuel oil	2,019	3,494	2,039	41,994	23,928
Lubricating oil	153	292	216	2,301	2,452
Wax	0	0	0	0	0
Asphalt and road oil	398	269	319	3,577	3,313
Liquefied gases	131	109	19	540	257
Petrochemical feedstocks	3	9	46	164	369
Other products	168	213	209	1,854	1,081
Total	17,645	19,614	18,167	224,347	204,188

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

[2] Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, and Pennsylvania.

[3] Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

PAD District and Country of Origin	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
All PAD Districts:					
Algeria	13,868	12,131	17,924	154,000	203,508
Angola	707	1,389	1,254	12,397	12,873
Bolivia	0	0	0	301	328
Brazil	0	370	0	370	0
Brunei	0	0	156	348	2,451
Cameroon	477	0	735	9,904	5,408
Canada[1]	5,418	4,864	8,769	66,767	89,416
Congo (Brazzaville)	0	332	0	2,273	909
Ecuador	0	0	1,468	4,607	11,010
Egypt	218	557	704	11,027	18,665
Gabon	738	928	1,015	8,167	13,863
Ghana	0	0	0	300	204
Guatemala	0	126	0	641	0
Indonesia	9,662	10,178	9,599	105,279	127,449
Iran	0	0	16,245	2,625	95,440
Iraq	0	439	808	10,110	30,181
Kuwait	694	0	0	7,182	1,898
Liberia	303	0	0	303	0
Libya	14,991	14,497	13,746	179,909	217,358
Malaysia	2,071	1,547	1,723	20,825	17,486
Mexico	13,295	18,732	12,770	172,498	145,632
Netherlands	22	0	0	426	2,342
Nigeria	17,631	21,731	30,213	274,558	357,790
Norway	5,323	5,577	3,638	48,694	24,526
Oman	314	544	335	7,446	12,167
People's Republic of China	0	0	457	0	4,110
Peru	1,484	390	1,595	13,019	13,911
Qatar	275	0	661	7,329	11,450
Romania	0	0	111	0	111
Saudi Arabia	36,043	32,346	34,114	416,385	452,435
Spain	0	0	0	299	0
Syria	0	0	621	787	3,674
Trinidad	3,560	2,457	3,157	38,414	41,015
Tunisia	0	0	425	1,928	5,947
United Arab Emirates	3,150	5,638	9,212	62,993	95,222
United Kingdom	4,522	4,935	5,218	57,454	64,201
Venezuela	4,918	5,690	9,911	50,631	99,247
Yugoslavia	0	0	74	0	74
Zaire	297	327	179	4,056	1,379
Total[1]	[2]139,981	145,725	186,837	[2]1,754,252	2,183,680
To PAD District I:					
Algeria	3,572	3,625	3,637	48,149	64,605
Angola	707	0	551	3,758	3,106
Brazil	0	370	0	370	0
Cameroon	280	0	0	1,724	367
Canada	32	116	483	2,233	3,002
Ecuador	0	0	0	383	2,524
Egypt	218	357	346	5,913	8,982
Gabon	525	578	561	5,830	12,465
Indonesia	982	1,447	787	10,270	10,106
Iran	0	0	2,663	0	30,464
Iraq	0	0	0	0	3,213
Kuwait	694	0	0	4,494	357
Libya	3,715	2,894	3,133	42,945	32,511
Mexico	894	2,463	1,147	16,815	4,439
Netherlands	0	0	0	403	0
Nigeria	3,634	2,292	9,315	64,686	95,348
Norway	1,514	1,322	492	11,210	3,302
Oman	314	544	0	3,099	3,285
Peru	1,083	0	0	5,018	1,648
Qatar	0	0	0	1,530	2,927
Romania	0	0	111	0	111
Saudi Arabia	8,922	9,443	9,282	125,780	117,430
Spain	0	0	0	299	0
Trinidad	452	0	663	5,170	3,391
Tunisia	0	0	0	198	2,218
United Arab Emirates	0	0	689	4,349	5,594
United Kingdom	1,957	456	943	15,907	13,150
Venezuela	2,430	2,468	5,135	26,356	56,145
Zaire	0	0	179	3,132	1,128
Total	31,925	28,375	40,117	410,021	481,818

[1] Includes some Athabasca hydrocarbons.

[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 4,264; Year-to-date, 9,931.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

PAD District and Country of Origin	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
To PAD District II:					
Algeria	4,348	2,814	5,426	43,272	46,464
Cameroon	197	0	735	5,659	3,076
Canada [1]	3,769	3,145	6,008	46,426	59,762
Congo (Brazzaville)	0	0	0	0	0
Ecuador	0	0	0	692	1,398
Egypt	0	0	0	525	561
Gabon	213	350	0	1,077	0
Ghana	0	0	0	50	204
Guatemala	0	126	0	517	0
Iran	0	0	5,993	1,890	31,435
Iraq	0	0	0	294	4,045
Libya	3,406	5,253	5,826	65,595	108,485
Mexico	3,642	5,414	3,919	54,122	42,662
Nigeria	5,250	4,849	5,997	61,470	61,323
Norway	1,509	1,226	2,424	15,978	13,952
Oman	0	0	335	4,164	7,779
Peru	0	0	771	2,618	5,556
Qatar	0	0	0	1,647	6,825
Saudi Arabia	2,676	2,088	5,079	29,393	59,116
Syria	0	0	0	0	715
Trinidad	952	400	896	11,416	8,095
Tunisia	0	0	425	900	1,949
United Arab Emirates	616	654	2,029	14,308	15,230
United Kingdom	198	1,115	1,350	17,125	19,611
Venezuela	460	0	368	3,826	7,136
Total[1]	27,236	27,434	47,581	382,964	505,379
To PAD District III:					
Algeria	5,948	5,098	8,861	61,544	89,902
Angola	0	1,389	703	7,206	9,064
Bolivia	0	0	0	301	328
Cameroon	0	0	0	2,521	1,965
Congo (Brazzaville)	0	332	0	2,273	909
Ecuador	0	0	1,468	3,276	7,088
Egypt	0	200	358	4,589	8,360
Gabon	0	0	454	1,260	1,398
Ghana	0	0	0	250	0
Guatemala	0	0	0	124	0
Indonesia	414	0	305	414	7,901
Iran	0	0	7,589	735	33,541
Iraq	0	439	808	9,816	22,923
Kuwait	0	0	0	2,688	1,541
Liberia	303	0	0	303	0
Libya	7,870	6,350	4,787	71,114	76,362
Malaysia	0	0	0	192	0
Mexico	8,759	10,855	7,704	101,561	98,531
Netherlands	22	0	0	23	2,342
Nigeria	8,747	14,590	14,901	146,665	201,119
Norway	2,300	3,029	722	21,191	7,272
Oman	0	0	0	183	1,103
Peru	401	390	824	4,774	4,562
Qatar	275	0	661	4,152	1,698
Saudi Arabia	24,224	20,815	19,753	259,155	269,969
Syria	0	0	621	787	2,959
Trinidad	2,156	2,057	1,598	21,828	29,529
Tunisia	0	0	0	830	1,780
United Arab Emirates	1,347	3,821	4,335	31,221	51,732
United Kingdom	2,367	3,364	2,581	24,422	31,096
Venezuela	1,823	2,818	3,626	16,925	31,887
Yugoslavia	0	0	74	0	74
Zaire	297	327	0	924	251
Total	[2]67,253	75,874	82,733	[2]803,247	997,186
To PAD District IV:					
Algeria	0	0	0	0	2,537
Canada	1,045	933	1,696	11,072	18,019
Indonesia	0	0	0	0	360
Libya	0	0	0	255	0
Nigeria	0	0	0	113	0
Saudi Arabia	0	0	0	26	553
United Kingdom	0	0	344	0	344
Total	1,045	933	2,040	11,466	21,813
To PAD District V[3]:					
Algeria	0	594	0	1,035	0
Angola	0	0	0	1,433	703
Brunei	0	0	156	348	2,451
Canada	572	670	582	7,036	8,633
Chile	0	0	0	0	0
Ecuador	0	0	0	256	0
Egypt	0	0	0	0	762
Gabon	0	0	0	0	0
Indonesia	8,266	8,731	8,507	94,595	109,082
Malaysia	2,071	1,547	1,723	20,633	17,486
Nigeria	0	0	0	1,624	0
Norway	0	0	0	315	0
People's Republic of China	0	0	457	0	4,110
Peru	0	0	0	609	2,145
Saudi Arabia	221	0	0	2,031	5,367
United Arab Emirates	1,187	1,163	2,159	13,115	22,666
Venezuela	205	404	782	3,524	4,079
Total	12,522	13,109	14,366	146,554	177,484

[1] Includes some Athabasca hydrocarbons.

[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 4,264; Year-to-date, 9,931.

[3] Excludes crude oil delivered into foreign trade zone.

Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
All PAD Districts:					
Motor gasoline:					
Receipts from Puerto Rico	1,191	1,027	1,191	9,686	12,413
Other	[1]2,602	3,673	4,276	37,622	45,424
Total	3,793	4,700	5,467	47,308	57,837
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	7
Total	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	[1]799	486	1,149	10,418	7,018
Total	799	486	1,149	10,418	7,018
Kerosene-type jet fuel:					
Bonded aircraft fuel	230	521	429	4,292	3,431
Receipts from Puerto Rico	0	165	76	213	253
Other	954	1,719	846	12,727	14,514
Total	1,184	2,405	1,351	17,232	18,198
Ethane	1,462	2,478	811	17,751	15,328
Liquefied petroleum gases	5,471	5,244	6,801	49,238	55,935
Kerosene:					
Receipts from Puerto Rico	22	0	69	48	440
Other	0	138	183	2,627	2,189
Total	22	138	252	2,675	2,629
Distillate fuel oil:					
Bonded ships bunkers	17	15	5	287	60
For military offshore use	219	0	232	1,504	1,523
Receipts from Puerto Rico	695	465	1,041	5,846	7,004
No. 2 fuel oil	[1]3,063	3,038	4,287	37,121	50,166
No. 4 fuel oil	0	35	212	863	4,627
Total	3,994	3,553	5,777	45,621	63,380
Residual fuel oil:					
Bonded ships bunkers	0	0	5	6	5
For military offshore use	0	50	0	705	368
Receipts from Puerto Rico	357	162	0	1,958	1,897
Other	[1]30,373	26,797	31,378	302,123	378,264
Total	30,730	27,009	31,383	304,792	380,534
Petrochemical feedstocks:					
Receipts from Puerto Rico	155	383	201	1,667	1,931
Other	1,247	996	156	7,002	1,657
Total	1,402	1,379	357	8,669	3,588
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	811	136	179	2,622	3,457
Total	811	136	179	2,683	3,457
Lubricants	122	328	310	2,375	3,167
Wax	0	0	0	0	0
Asphalt	141	217	89	1,331	1,402
Miscellaneous	257	177	6	807	279
Total	50,188	48,250	53,932	510,900	612,759
PAD District 1:					
Motor gasoline:					
Receipts from Puerto Rico	1,191	1,027	1,191	8,371	10,721
Other	2,132	3,136	3,596	29,162	36,678
Total	3,323	4,163	4,787	37,533	47,399
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	647	486	830	8,659	4,167
Total	647	486	830	8,659	4,167
Kerosene-type jet fuel:					
Bonded aircraft fuel	13	230	170	1,511	1,422
Receipts from Puerto Rico	0	165	76	213	253
Other	899	1,016	578	6,964	6,578
Total	912	1,411	824	8,688	8,253
Ethane	1	1	0	3	2
Liquefied petroleum gases	513	629	936	6,555	8,523
Kerosene:					
Receipts from Puerto Rico	22	0	69	48	440
Other	0	138	183	2,627	2,189
Total	22	138	252	2,675	2,629
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	220	7
For military offshore use	0	0	0	805	382
Receipts from Puerto Rico	695	423	1,041	5,627	7,004
No. 2 fuel oil	2,984	2,629	4,055	34,930	46,697
No. 4 fuel oil	0	35	212	863	3,426
Total	3,679	3,087	5,308	42,445	57,516
Residual fuel oil:					
Bonded ships bunkers	0	0	5	6	5
For military offshore use	0	50	0	705	368
Receipts from Puerto Rico	357	162	0	1,958	1,897
Other	28,535	24,646	29,315	278,539	353,722
Total	28,892	24,858	29,320	281,208	355,992
Petrochemical feedstocks:					
Receipts from Puerto Rico	155	148	70	873	1,021
Other	400	482	119	3,407	531
Total	555	630	189	4,280	1,552
Special naphthas	21	28	0	184	851
Lubricants	121	133	274	1,795	2,475
Wax	0	0	0	0	0
Asphalt	141	217	89	1,331	1,402
Miscellaneous	250	4	1	497	148
Total	39,077	35,785	42,810	395,853	490,909
PAD District II:					
Motor gasoline	96	84	77	1,104	957
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	26	132	44
Total	0	0	26	132	44
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	91	0
Total	0	0	0	91	0
Ethane	1,461	2,477	811	17,748	15,326
Liquefied petroleum gases	3,874	3,503	4,169	28,585	31,434
Kerosene	0	0	0	0	0
Distillate fuel oil:					
No. 2 fuel oil	0	0	0	0	70
No. 4 fuel oil	0	0	0	0	0
Total	0	0	0	0	70
Residual fuel oil[2]	912	1,038	1,060	9,759	13,132
Petrochemical feedstocks	0	0	0	118	501
Special naphthas	77	38	10	869	269
Lubricants	1	0	0	15	47
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	7	15	5	151	81
Total	6,428	7,155	6,158	58,572	61,861

[1] Includes receipts from the Virgin Islands: District 1: Motor gasoline, 1,665; Naphtha-type jet fuel, 646; Distillate No. 2 fuel oil, 2,984; Residual, 4,784.
[2] Includes crude oil for direct burning as fuel: Current month, 64.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District - Continued
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
PAD District III:					
Motor gasoline:					
Receipts from Puerto Rico	0	0	0	508	1,491
Other	0	47	171	2,199	2,487
Total	0	47	171	2,707	3,978
Aviation gasoline	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	0	0	212
Total	0	0	0	0	212
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	63	1,303	658
Total	0	0	63	1,303	658
Liquefied petroleum gases	144	266	758	6,040	7,335
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	42	0	219	0
No. 2 fuel oil	0	245	0	1,049	1,362
Total	0	287	0	1,268	1,362
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	392	725	752	5,717	1,744
Total	392	725	752	5,717	1,744
Petrochemical feedstocks:					
Receipts from Puerto Rico	0	235	131	794	910
Other	847	514	15	3,076	560
Total	847	749	146	3,870	1,470
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	358	68	169	803	1,905
Total	358	68	169	864	1,905
Lubricants	0	140	0	368	336
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	107	0	108	25
Total	1,741	2,389	2,059	22,245	19,032
PAD District IV:					
Motor gasoline	39	32	21	115	159
Aviation gasoline	0	0	0	0	0
Liquefied petroleum gases	567	505	529	4,007	4,114
Distillate fuel oil	0	0	0	0	4
Residual fuel oil	0	0	0	0	0
Special naphthas	0	0	0	2	0
Lubricants	0	0	0	1	0
Total	606	537	550	4,125	4,277
PAD District V:					
Motor gasoline:					
Receipts from Puerto Rico	0	0	0	807	201
Other	335	374	411	5,042	5,143
Total	335	374	411	5,849	5,344
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	152	0	293	1,627	2,595
Total	152	0	293	1,627	2,595
Kerosene-type jet fuel:					
Bonded aircraft fuel	217	291	259	2,781	2,009
Other	55	703	205	4,369	7,276
Total	272	994	464	7,150	9,285
Liquefied petroleum gases	373	341	409	4,051	4,529
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	17	15	5	67	53
For military offshore use	219	0	232	699	1,141
No. 2 fuel oil	79	164	232	1,142	2,033
No. 4 fuel oil	0	0	0	0	1,201
Total	315	179	469	1,908	4,428
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
For military offshore use	0	0	0	0	0
Other	534	388	251	8,108	9,666
Total	534	388	251	8,108	9,666
Petrochemical feedstocks	0	0	22	401	65
Special naphthas	355	2	0	764	432
Lubricants	0	55	36	196	309
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	51	0	51	25
Total	2,336	2,384	2,355	30,105	36,680

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
Plant condensate:					
PAD District I	0	0	0	14	0
PAD District II	0	0	0	0	0
PAD District III	0	0	0	61	110
PAD District IV	241	373	294	2,941	3,185
PAD District V	18	20	117	461	991
Total	259	393	411	3,477	4,286
Unfinished oils:					
PAD District I	[1]1,073	780	490	10,781	6,568
PAD District II	1	1	0	216	337
PAD District III	235	256	2,031	5,584	6,766
PAD District IV	0	0	0	0	0
PAD District V	100	0	531	2,425	4,609
Total	1,409	1,037	3,052	19,006	18,280

[1] Includes receipts from Puerto Rico: 357.

Sources: Forms ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation: November 1980
(Thousand Barrels)

State and District	Crude Oil Input to Refineries	Refinery Fuel Use and Losses	Total Receipts	Daily Average	Refinery Receipts of Domestic Crude Oil						Refinery Receipts of Foreign Crude	
					Intrastate			Interstate				
					Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tankers and Barges
PAD District I:												
Delaware, Maryland	4,742	0	0	0	0	0	0	0	0	0	0	4,712
Fla., Ga., Va., N.C.	2,121	0	3,771	126	0	0	33	0	76	50	0	1,860
New Jersey, Rhode Is.	12,726	0	0	0	0	0	0	0	0	1,323	0	12,544
New York, New Hamp.	3,006	3	65	2	0	0	0	1,584	0	585	525	280
Pennsylvania: East	13,726	0	0	0	0	0	0	0	0	1,453	0	12,705
West	1,477	0	349	12	272	74	0	564	336	146	65	0
West Virginia	603	0	220	7	197	1	0	158	58	149	0	0
Total	[1]38,401	3	4,405	147	469	75	33	2,306	470	3,706	590	32,101
PAD District II:												
Illinois	25,216	0	2,379	79	999	2	0	16,346	1	0	7,799	326
Indiana	12,792	0	643	21	158	1	0	9,014	3	76	3,199	175
Kansas	12,107	0	5,118	171	4,252	327	0	6,010	0	0	1,590	0
Kentucky, Tennessee	6,920	15	388	13	18	267	0	1,718	67	981	3,505	496
Michigan	2,272	0	2,374	79	1,441	153	0	614	2	0	60	0
Minnesota, Wisconsin	5,754	0	0	0	0	0	0	1,257	0	0	4,531	0
Missouri, Nebraska	2,120	0	297	10	3	0	0	2,170	0	0	0	0
N. and S. Dakota	1,588	0	4,699	157	1,577	14	0	61	0	0	0	0
Ohio: East	1,179	0	1,087	36	79	0	0	566	0	0	571	0
West	[2]12,680	0	0	0	0	0	0	6,215	0	0	6,640	0
Oklahoma	13,333	2	13,166	439	6,681	622	0	4,586	0	0	1,219	285
Total	95,961	17	30,151	1,005	15,208	1,386	0	48,557	73	1,057	29,114	1,282
PAD District III:												
Alabama	3,262	15	2,385	79	1,959	54	37	564	45	0	299	214
Arkansas	1,531	0	1,387	46	1,074	65	0	303	0	0	61	0
Louisiana	55,084	32	38,763	1,292	19,124	1,161	5,547	4,344	172	3,179	2	18,300
Mississippi	9,862	0	3,188	106	1,195	205	0	2,475	32	332	0	5,448
New Mexico	2,565	0	6,004	200	1,657	554	0	251	24	0	63	0
Texas	102,254	70	80,394	2,680	45,855	1,612	4,496	6,350	0	4,693	1,765	36,910
Total	174,558	117	132,121	4,403	70,864	3,651	10,080	14,287	273	8,204	2,190	60,872
PAD District IV:												
Colorado	1,035	0	2,508	84	239	249	0	483	0	0	0	0
Montana	3,763	0	1,519	51	555	132	0	1,484	11	0	1,417	0
Utah	3,553	1	1,655	55	926	292	0	2,310	97	0	0	0
Wyoming	4,552	0	9,678	323	4,485	119	0	13	32	0	0	0
Total	12,903	1	15,360	513	6,205	792	0	4,290	140	0	1,417	0
PAD District V:												
California	57,366	63	28,367	945	22,976	2,429	2,090	205	0	20,203	0	7,263
Washington	10,080	0	0	0	0	0	0	0	0	5,614	572	4,160
Other States [3]	4,286	24	38,724	1,291	1,061	53	1,283	0	80	1,008	0	1,072
Total	71,732	87	67,091	2,236	24,037	2,482	3,373	205	80	26,825	572	12,495
United States, total	393,555	225	249,128	8,304	116,783	8,386	13,486	69,645	1,036	39,792	[4]33,883	106,750
Daily average	13,119	7	8,304	--	3,893	279	449	2,321	34	1,326	1,129	3,558

[1] Includes 22,161 in Delaware River Valley.
[2] Includes some Athabasca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: November 1980
(Thousand Barrels)

Location of Refineries Receiving Crude Oil	Total Receipts of Domestic Crude Oil	Intrastate Receipts	PAD Dist. I, Total	Interstate Receipts from																PAD Dist. V Total	United States Total
				PAD District II						PAD District III					PAD District IV						
				Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mex.	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total		
PAD District I:																					
Delaware, Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla., Ca., Va.	159	33	0	0	0	0	0	0	0	53	73	0	0	126	0	0	0	0	0	0	126
New Jersey	1,323	0	0	0	0	0	0	0	0	0	51	0	0	51	0	0	0	0	0	1,272	1,323
New York, New Hamp.	2,169	0	0	368	0	0	0	401	769	784	0	0	31	815	0	0	0	0	0	585	2,169
Pennsylvania: East	1,453	0	0	0	0	0	0	0	0	0	31	0	631	662	0	0	0	0	0	791	1,453
West	1,392	346	84	150	0	445	295	46	936	0	0	0	0	0	0	26	0	0	26	0	1,046
West Virginia	563	198	0	0	0	365	0	0	0	0	0	0	0	0	0	0	0	0	0	0	365
Total	7,059	577	84	518	0	810	295	447	2,070	837	155	0	662	1,654	0	26	0	0	26	2.648	6,482
PAD District II:																					
Illinois	17,348	1,001	505	1	185	0	546	777	1,509	0	1,833	3,302	8,002	13,137	0	367	0	441	808	388	16,347
Indiana	9,252	159	3	220	177	118	2,029	1,345	3,889	0	726	4	3,429	4,159	329	210	0	503	1,042	0	9,093
Kansas	10,589	4,579	0	0	0	0	8	2,276	2,284	0	0	0	2,411	140	66	0	0	753	959	356	6,010
Kentucky, Tennessee	3,051	285	179	650	0	154	0	0	804	46	1,737	0	0	1,783	0	0	0	0	0	0	2,766
Michigan	2,210	1,594	0	67	0	29	0	0	96	0	83	0	0	83	0	0	0	437	437	0	616
Minnesota, Wisconsin	1,257	0	0	0	0	0	511	105	616	0	0	0	397	397	0	102	0	0	102	142	1,257
Missouri, Nebraska	2,173	3	0	0	0	0	0	0	0	0	0	0	2,019	2,019	0	0	0	151	151	0	2,170
North Dakota	1,652	1,591	0	0	0	0	0	0	0	8	0	0	0	0	0	61	0	0	61	0	61
Ohio: East	645	79	0	566	0	0	0	0	566	0	0	0	0	0	0	0	0	0	0	0	566
West	6,215	0	45	620	0	0	0	0	620	75	1,604	0	3,869	5,548	0	0	0	2	2	0	6,215
Oklahoma	11,889	7,303	0	0	0	0	0	0	0	0	0	66	4,495	4,561	0	0	0	0	0	25	4,586
Total	66,281	16,594	732	2,124	362	301	3,094	4,503	10,384	121	5,983	3,372	24,622	34,098	469	806	0	2,287	2,562	911	49,687
PAD District III:																					
Alabama	2,659	2,050	172	0	0	0	0	0	0	437	0	0	0	437	0	0	0	0	0	0	609
Arkansas	1,442	1,139	0	0	0	0	0	0	0	0	33	0	73	106	0	0	0	0	0	197	303
Louisiana	33,527	25,832	1,328	0	0	0	0	0	0	818	0	0	2,819	3,637	0	0	0	0	0	2,730	7,695
Mississippi	4,239	1,400	74	0	0	0	0	0	0	14	2,751	0	0	0	0	0	0	0	0	0	2,839
New Mexico	2,486	2,211	0	0	0	0	0	0	0	0	0	0	255	255	18	0	2	0	20	0	275
Texas	63,006	51,963	1,438	0	177	0	0	913	1,090	144	4,009	421	0	4,574	64	0	313	0	377	3,564	11,043
Total	107,359	84,595	3,012	0	177	0	0	913	1,090	1,413	6,793	421	3,147	11,774	82	0	315	0	397	6,491	22,764
PAD District IV:																					
Colorado	971	488	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	409	479	4	483
Montana	2,182	687	0	0	0	0	8	0	8	0	0	0	0	0	0	0	0	1,487	1,487	0	1.495
Utah	3,625	1,218	0	0	0	0	0	0	0	0	0	0	0	0	1,429	0	0	891	2,320	87	2.407
Wyoming	4,649	4,604	0	0	0	0	5	0	5	0	0	0	0	0	40	0	0	0	40	0	45
Total	11,427	6,997	0	0	0	0	13	0	13	0	13	0	0	0	0	0	70	2,787	4,326	91	4.430
PAD District V:																					
California	47,903	27,495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20,408	20,408
Other States	9,099	2,397	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0	52	6,650	6,702
Total	57,002	29,892	0	0	0	0	0	0	0	0	0	0	0	0	0	0	52	0	52	27,058	27,110
United States, total	249,128	138,655	[1] 3,828	2,642	539	1,111	3,402	5,863	13,557	2,371	12,931	3,793	28,431	47,526	2,020	832	437	5,074	8,363	[2] 37,199	110,473
Daily average	8,304	4,622	128	88	18	37	113	196	452	79	431	126	948	1,584	67	28	15	169	279	1,240	3,682

[1] Florida, 3,738; New York, 65; Virginia, 0; Pennsylvania, 3; West Virginia, 22.
[2] Alaska, 36,236; Arizona, 0; California, 872; Nevada, 91.
Source: Form EIA-87

Table 21. Production of Natural Gas Plant Liquids in the United States: November 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Products	Total[2]
	Ethane	Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total				
PAD District I:												
East Coast	360	286	0	0	0	172	0	458	124	0	0	942
Appalachian No. 1	157	88	0	15	27	0	0	130	28	237	0	552
Total	517	374	0	15	27	172	0	588	152	237	0	1,494
PAD District II:												
Appalachian No. 2	0	0	0	0	0	0	0	0	0	0	0	0
Ind., Ill., etc.	397	574	0	40	88	2	0	704	72	750	1	1,924
Minn., Wisc., etc.	0	86	0	12	26	0	0	124	39	23	0	186
Okla., Kans., etc.	1,477	2,333	129	463	1,002	127	0	4,054	1,263	196	10	7,000
Total	1,874	2,993	129	515	1,116	129	0	4,882	1,374	969	11	9,110
PAD District III:												
Texas Inland	1,089	3,145	1,791	715	973	382	36	7,042	2,346	6,965	333	17,775
Texas Gulf	2,500	3,366	2,755	868	1,696	72	3	8,760	2,314	-10,441	5	3,138
Louisiana Gulf	2,458	2,309	394	785	808	57	3	4,356	1,545	25	221	8,605
Ark., La. Inland, etc.	10	153	0	111	135	13	7	419	89	-45	20	493
New Mexico	72	584	141	92	186	118	0	1,121	361	2,186	5	3,745
Total	6,129	9,557	5,081	2,571	3,798	642	49	21,698	6,655	-1,310	584	33,756
PAD District IV, total	2	507	0	5	82	183	1	778	336	1,002	20	2,138
PAD District V, total	0	159	0	31	49	0	37	276	257	21	0	554
United States, total	8,522	13,590	5,210	3,137	5,072	1,126	87	28,222	8,774	919	615	47,052

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate.
[2] Includes net production of unfractionated stream.
Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: November 30, 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Prod-ucts	Total	Stocks of NGL at Refineries	
	Ethane	Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total					LPG	Other
PAD District I:														
East Coast	0	1,160	0	0	0	28	0	1,188	3	0	0	1,191	0	0
Appalachian No. 1	0	2,995	0	48	141	0	0	3,184	27	0	0	3,211	0	2
Total	0	4,155	0	48	141	28	0	4,372	30	0	0	4,402	0	2
PAD District II:														
Appalachian No. 2	0	4	0	15	39	0	0	58	0	0	0	58	276	0
Ind., Ill., etc.	22	3,845	0	571	675	2	2	5,095	28	102	1	5,248	91	12
Minn., Wisc., etc.	1,453	1,139	0	2	21	0	360	1,522	8	4	0	2,987	106	148
Okla., Kans., etc.	1,417	22,193	2,605	1,333	5,300	80	99	31,610	2,411	1,455	2	36,895	501	154
Total	2,892	27,181	2,605	1,921	6,035	82	461	38,285	2,447	1,561	3	45,188	974	314
PAD District III:														
Texas Inland	753	4,912	306	408	1,090	365	696	7,777	903	1,437	203	11,073	158	58
Texas Gulf	1,100	16,643	9,669	2,820	14,616	1,189	25	44,962	4,821	866	3	51,752	1,169	1,859
Louisiana Gulf	274	4,685	0	1,822	2,924	9	1,083	10,523	1,374	109	91	12,371	608	142
Ark., La. Inland, etc.	1	7,754	0	104	407	566	3	8,834	38	63	22	8,958	10	84
New Mexico	3	443	28	87	103	48	1	710	133	287	1	1,134	10	49
Total	2,131	34,437	10,003	5,241	19,140	2,177	1,808	72,806	7,269	2,762	320	85,288	1,955	2,192
PAD District IV, total	0	214	0	1	101	42	0	358	169	30	3	560	65	60
PAD District V, total	0	585	0	358	224	171	5	1,343	20	2	0	1,365	42	7
United States, total	5,023	66,572	12,608	7,569	25,641	2,500	2,274	117,164	9,935	4,355	326	136,803	3,036	2,575

[1] Includes plant condensate.

Sources: Forms EIA-64, EIA-87, and EIA-89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: November 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Natural gas plant products:																	
Refinery input:																	
Propane	0	0	0	0	75	1	1	77	0	38	183	0	0	221	1	0	299
Butane:																	
Isobutane	1	10	11	17	663	27	397	1,104	161	896	780	92	20	1,949	57	153	3,274
Normal butane	6	37	43	43	722	148	596	1,509	241	842	857	53	9	2,002	16	212	3,782
Other	0	0	0	0	380	251	171	802	113	75	17	0	0	205	234	273	1,514
Total	7	47	54	60	1,765	426	1,164	3,415	515	1,813	1,654	145	29	4,156	307	638	8,570
Butane-propane mix	0	0	0	0	12	0	0	12	0	125	0	0	14	139	3	88	242
Natural gasoline	0	4	4	0	392	46	982	1,420	408	2,010	644	195	106	3,363	172	300	5,259
Unfractionated stream[1]	0	1	1	0	131	0	40	171	72	749	110	339	2	1,272	12	18	1,474
Total	7	52	59	60	2,375	473	2,187	5,095	995	4,735	2,591	679	151	9,151	495	1,044	15,844
*Stocks at refineries:																	
Propane	0	0	0	0	10	0	0	10	0	585	58	0	0	643	21	0	674
Butane:																	
Isobutane	0	0	0	13	51	23	182	269	93	291	222	10	5	621	22	35	947
Normal butane	0	0	0	263	27	41	295	626	60	293	302	0	0	655	1	7	1,289
Other	0	0	0	0	0	42	24	66	5	0	21	0	0	26	21	0	113
Total	0	0	0	276	78	106	501	961	158	584	545	10	5	1,302	44	42	2,349
Butane-propane mix	0	0	0	0	3	0	0	3	0	0	5	0	5	10	0	0	13
Natural gasoline	0	2	2	0	8	148	154	310	53	1,720	140	1	49	1,963	27	7	2,309
Unfractionated stream[1]	0	0	0	0	4	0	0	4	5	139	2	83	0	229	33	0	266
Total	0	2	2	276	103	254	655	1,288	216	3,028	750	94	59	4,147	125	49	5,611
Liquefied refinery gases:																	
Refinery output:																	
Propane and/or propylene:																	
Petrochemical	209	0	209	6	339	0	39	384	0	1,092	185	0	0	1,277	2	219	2,091
Other	704	125	829	0	1,439	123	450	2,012	180	916	1,180	54	7	2,337	112	809	6,099
Total	913	125	1,038	6	1,778	123	489	2,396	180	2,008	1,365	54	7	3,614	114	1,028	8,190
Butane and/or butylene:																	
Petrochemical	9	0	9	0	0	0	1	1	0	59	98	18	0	175	0	13	198
Other	152	25	177	0	32	15	60	107	56	76	87	8	2	229	64	109	686
Total	161	25	186	0	32	15	61	108	56	135	185	26	2	404	64	122	884
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	16	0	0	1	17	0	0	17
Other	0	0	0	0	0	0	56	56	7	10	148	3	21	189	0	34	279
Total	0	0	0	0	0	0	56	56	7	26	148	3	22	206	0	34	296
Isobutane	0	0	0	0	0	0	0	0	11	55	0	0	0	66	2	0	68
Total	1,074	150	1,224	6	1,810	138	606	2,560	254	2,224	1,698	83	31	4,290	180	1,184	9,438
*Stocks at refineries:																	
Propane and/or propylene:																	
Petrochemical	69	0	69	1	137	0	3	141	0	5	0	0	0	5	1	0	216
Other	716	8	724	0	1,325	24	303	1,652	104	1,259	661	6	1	2,031	137	335	4,879
Total	785	8	793	1	1,462	24	306	1,793	104	1,264	661	6	1	2,036	138	335	5,095
Butane and/or butylene:																	
Petrochemical	0	0	0	0	0	0	0	0	0	5	0	2	0	7	1	0	8
Other	13	1	14	0	145	4	112	261	236	20	56	2	10	324	177	575	1,351
Total	13	1	14	0	145	4	112	261	236	25	56	4	10	331	178	575	1,359
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Other	0	0	0	0	0	0	61	61	0	85	12	0	0	97	1	239	398
Total	0	0	0	0	0	0	61	61	0	85	13	0	0	98	1	239	399
Isobutane	0	0	0	0	0	0	0	0	0	7	0	0	0	7	3	0	10
Total	798	9	807	1	1,607	28	479	2,115	340	1,381	730	10	11	2,472	320	1,149	6,863

---

[1] Includes plant condensate.
*Stocks as of November 30, 1980.
Sources: Forms EIA-87 and EIA-64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District
(Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
All PAD Districts:					
Crude oil[1]	8,669	9,586	7,925	93,288	79,034
Motor gasoline[2]	13	30	16	475	151
Jet fuel:					
Naphtha-type	0	0	0	20	1
Kerosene-type	18	23	21	455	195
Total	18	23	21	475	196
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	313	273	264	3,312	2,462
Butane	371	485	263	3,804	2,272
Total	684	758	527	7,116	4,734
Kerosene	7	3	0	31	22
Distillate fuel oil	2	7	1	1,236	1,078
Residual fuel oil	2,645	2,165	140	10,299	2,782
Petrochemical feedstocks	1,204	721	1,078	9,790	10,179
Special naphthas	268	120	40	1,679	1,690
Lubricants	500	633	779	7,958	7,547
Wax	51	72	40	687	732
Coke	2,364	4,375	4,696	45,458	48,776
Asphalt	17	10	16	239	170
Miscellaneous products	22	20	12	182	150
Total	16,464	18,523	15,291	178,914	157,241
PAD District I:					
Crude oil	0	198	136	1,651	1,288
Motor gasoline	1	1	0	11	10
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	0	1
Total	0	0	0	0	1
Ethane	(s)	(s)	0	(s)	0
Liquefied fuel:					
Propane	42	30	9	283	180
Butane	48	36	11	302	229
Total	90	66	20	585	409
Kerosene	2	0	0	6	8
Distillate fuel oil	1	(s)	0	10	9
Residual fuel oil	3	0	0	256	4
Petrochemical feedstocks	116	48	92	601	485
Special naphthas	1	3	2	34	38
Lubricants	98	107	311	1,952	1,985
Wax	5	4	7	60	90
Coke	146	275	314	4,073	3,107
Asphalt	13	3	11	60	85
Miscellaneous products	13	14	10	140	117
Total	489	719	903	9,439	7,636
PAD District II:					
Crude oil	2,802	887	2,489	27,332	23,517
Motor gasoline	4	1	1	7	6
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	(s)	0	(s)	0
Total	0	(s)	0	(s)	0
Liquefied gases:					
Propane	2	2	2	127	65
Butane	10	110	6	388	83
Total	12	112	8	515	148
Kerosene	1	0	0	1	1
Distillate fuel oil	1	1	1	4	16
Residual fuel oil	0	0	0	0	56
Petrochemical feedstocks	53	45	39	603	549
Special naphthas	1	0	5	14	20
Lubricants	17	13	16	191	180
Wax	1	3	2	13	17
Coke	335	875	529	4,066	4,214
Asphalt	2	3	1	120	15
Miscellaneous products	(s)	(s)	0	(s)	3
Total	3,229	1,940	3,091	32,866	28,742

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[2] Exports of "Aviation gasoline" are included with "Motor gasoline."

(s) Less than 500 barrels.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District - Continued (Thousand Barrels)

Item	November 1980	October 1980	November 1979	January - November (Incl.)	
				1980	1979
PAD District III:					
Crude oil	0	0	0	3,327	0
Motor gasoline	0	(s)	0	197	2
Jet fuel:					
Naphtha-type	0	0	0	20	0
Kerosene-type	(s)	(s)	0	(s)	2
Total	(s)	(s)	0	20	2
Ethane	(s)	(s)	0	(s)	0
Liquefied gases:					
Propane	212	165	153	1,976	1,177
Butane	244	229	202	2,498	1,789
Total	456	394	355	4,474	2,966
Kerosene	1	1	0	4	4
Distillate fuel oil	(s)	(s)	0	1,112	1
Residual fuel oil	1,067	493	0	5,075	0
Petrochemical feedstocks	739	542	484	7,046	6,906
Special naphthas	263	115	31	1,598	1,605
Lubricants	322	442	398	4,893	4,681
Wax	41	60	24	545	554
Coke	528	1,750	1,688	16,800	19,638
Asphalt	1	3	2	32	20
Miscellaneous products	6	4	2	32	30
Total	3,424	3,804	2,984	48,155	36,409
PAD District IV:					
Crude oil	0	1	39	329	728
Liquefied gases:					
Propane	1	(s)	0	1	2
Butane	0	(s)	0	(s)	2
Total	1	(s)	0	1	4
Kerosene	0	0	0	0	0
Petrochemical feedstocks	1	1	0	7	1
Special naphthas	0	(s)	0	(s)	0
Lubricants	1	1	1	13	8
Coke	0	0	0	0	0
Asphalt	(s)	(s)	0	5	5
Miscellaneous products	0	(s)	0	(s)	0
Total	3	3	40	355	746
PAD District V:					
Crude oil	5,867	8,500	5,261	60,649	53,501
Motor gasoline	8	28	15	260	133
Jet fuel:					
Naphtha-type	0	0	0	0	1
Kerosene-type	18	23	21	455	192
Total	18	23	21	455	193
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	56	76	100	925	1,038
Butane	69	110	44	616	169
Total	125	186	144	1,541	1,207
Kerosene	3	2	0	20	9
Distillate fuel oil	(s)	6	0	110	1,052
Residual fuel oil	1,575	1,672	140	4,968	2,722
Petrochemical feedstocks	295	85	463	1,533	2,238
Special naphthas	3	2	2	33	27
Lubricants	62	70	53	909	693
Wax	4	5	7	69	71
Coke	1,355	1,475	2,165	20,519	21,817
Asphalt	1	1	2	22	45
Miscellaneous products	3	2	0	10	0
Total	9,319	12,057	8,273	91,099	83,708

(s) Less than 500 barrels.

Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

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CRUDE PETROLEUM, PETROLEUM PRODUCTS, AND NATURAL GAS LIQUIDS

December 1980

Production of crude petroleum (including lease condensate) in the United States during December averaged 8,609 thousand barrels per day, an increase of 110 thousand barrels per day above the November level, reports the Energy Information Administration, United States Department of Energy. Compared with December of last year, this represented a decrease of 6 thousand barrels per day, or 0.1 percent. Imports of crude oil for the month of December averaged 5,046 thousand barrels per day, representing an increase of 380 thousand barrels per day above the November 1980 level and a decrease of 1,272 thousand barrels per day, or 20.1 percent below the amount reported for December 1979. There were 6,134 thousand barrels of crude oil imported into the Strategic Petroleum Reserve during December 1980. Stocks of crude oil at the end of December totaled 465,502 thousand barrels as compared with 475,131 thousand barrels at the end of the previous month and 430,265 thousand barrels at the end of December 1979. At the end of December, stocks of crude oil in the Strategic Petroleum Reserve amounted to 107,800 thousand barrels.

The average gross input to crude oil distillation units during December was 13,957 thousand barrels per day. This figure reflects an increase of 512 thousand barrels per day, or 3.8 percent above that reported for November 1980 and a decrease of 1,280 thousand barrels per day, or 8.4 percent below the December 1979 level. The operating ratio of refineries in the United States during December averaged 75.4 percent of the total operable crude oil distillation capacity. This compares with 73.3 percent in November 1980 and 85.4 percent in December of 1979. These ratios are based upon the beginning-of-the-month operable capacities of 18,506 thousand barrels per day for December, 18,345 thousand barrels per day for November 1980, and 17,840 thousand barrels per day for December 1979.

Production of products at natural gas processing plants during December averaged 1,558 thousand barrels per day, compared with 1,568 thousand barrels per day for the previous month and 1,626 thousand barrels per day during December 1979. Stocks of these products at natural gas processing plants, terminals, and pipelines at the end of December totaled 130,509 thousand barrels. This was 6.3 million barrels below the stocks of November 30, 1980 and 14.9 million barrels above those at the end of December 1979.

Total disposition of primary supply of all oils in December averaged 18,991 thousand barrels per day. It included 18,354 thousand barrels per day of products supplied for domestic use, crude oil exports of 343 thousand barrels per day, refined products exports of 279 thousand barrels per day, and crude oil losses of 15 thousand barrels per day. Compared with December of last year, total products supplied for domestic use decreased by 568 thousand barrels per day, or 3.0 percent. During this month motor gasoline, distillate fuel oil, and residual fuel oil accounted for 36, 20, 15 percent, respectively, of the total products supplied for domestic use.

The unadjusted producer price index (1967=100) for crude petroleum was 596.0 for December 1980, compared with 600.6 for November 1980, and 470.8 for December 1979, reports the Bureau of Labor Statistics publication, "Producer Price Indexes--December 1980." The unadjusted producer price index for refined products was 716.3 for December 1980, compared with 697.6 for November 1980, and 482.8 for December 1979.

Note: Throughout this publication, the United States is defined as the 50 states and the District of Columbia. The Hawaiian Foreign Trade Zone is not included.

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TABLES

1. Supply, Disposition, and Stocks of All Oils 3
2. Comparative Supply and Disposition Statistics 4-7
3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District 8
4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State 8
5. Production of Lease Condensate by State 9
6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States 9
7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District 9
8. Stocks of Crude Oil by State of Origin and Location 10
9. Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns 10
10. Refinery Input and Output 11
11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals 12
12. Transportation of Petroleum Products by Pipeline 13
13. Movements of Petroleum Products by Pipeline Between PAD Districts .. 14
14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products 15-16
15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region 17
16. Imports of Foreign Crude Oil 18-19
17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District 20-21
18. Imports of Plant Condensate and Unfinished Oils 21
19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation 22
20. Refinery Receipts of Domestic Crude oil, by States and PAD Districts 23
21. Production of Natural Gas Plant Liquids in the United States 24
22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States 25
23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product 26
24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District 27-28

Table 1. Supply, Disposition, and Stocks of All Oils
(Thousand Barrels)

Item		December 1980		November 1980		December 1979	January December [illegible]	
		Total	Daily Av.	Total	Daily Av.[1]	Daily Av.	1980	1979
	Crude oil and lease condensate:							
	Production:							
(1)	Alaska	49,656	1,602	46,818	1,561	1,519	591,684	511,335
(2)	Lower 48 states	217,218	7,007	208,138	6,938	7,095	2,554,835	2,609,975
(3)	Total U.S.	266,874	8,609	254,956	8,499	8,615	3,146,519	3,121,310
	Imports:							
(4)	Imports (gross excl. SPR)[2]	150,294	4,848	135,717	4,524	6,318	1,894,615	2,355,107
(5)	SPR imports	6,134	198	4,264	142	0	16,065	24,434
(6)	Exports[3]	-10,620	-343	-8,669	-289	-215	- 103,908	-85,707
(7)	Imports (net including SPR)	145,808	4,703	131,312	4,377	6,103	1,806,772	2,293,834
	Other sources:							
(8)	SPR withdrawals (plus) or additions (minus)	-5,480	-177	-5,675	-189	0	-16,609	-24,331
(9)	Other stock withdrawals (plus) or additions (minus)	+15,109	+487	+5,677	+189	+269	18,622	-29,653
(10)	Used directly & losses	-811	-26	-773	-26	-27	-10,300	-10,712
(11)	Unaccounted for[4]	+1,575	+51	+8,058	+269	-82	+26,895	-4,060
(12)	Total other source	+10,393	+335	+7,287	+243	+159	-18,636	-68,756
(13)	Crude input to refineries (13) = (3) + (7) + (12)	423,075	13,648	393,555	13,119	14,877	4,934,655	5,346,388
	Natural gas plant liquids (NGPL):							
(14)	Production	48,310	1,558	47,052	1,568	1,626	572,274	578,023
(15)	Imports	304	10	259	9	15	3,781	4,749
(16)	Stock withdrawals (plus) or additions (minus)	-73	-2	+1,041	+35	-5	-2,649	-3,166
(17)	Total NGPL Supply	48,541	1,566	48,352	1,612	1,636	573,406	579,606
	Other liquids:							
	Unfinished oils:							
(18)	Imports	653	21	1,409	47	100	19,659	21,372
(19)	Stock withdrawals (plus) or additions (minus)	+2,405	+78	+4,635	+155	+37	-6,397	-8,956
(20)	Net reruns, input (plus) output (minus)	+3,058	+99	+6,044	+201	+137	+13,262	+12,416
(21)	Other hydrocarbons	1,207	39	1,309	44	46	17,447	16,133
(22)	Refinery processing gain	19,522	630	18,665	622	626	217,758	192,437
(23)	Crude used directly	358	12	349	12	12	5,006	5,006
(24)	Total other liquids (24) = (20) + (21) + (22) + (23)	24,145	779	26,367	879	820	253,473	225,992
(25)	Total production of refined products (25) = (13) + (17) + (24)	495,761	15,992	468,274	15,609	17,332	5,761,534	6,151,986
	Refined product imports:							
(26)	Imports (gross)	55,208	1,781	50,188	1,673	2,196	566,108	680,825
(27)	Exports[3]	-8,663	-279	-7,795	-260	-256	-94,289	-86,149
(28)	Imports (net)	46,545	1,501	42,393	1,413	1,939	471,819	594,676
(29)	Total new supply of products (29) = (25) + (28)	542,306	17,494	510,667	17,022	19,272	6,233,353	6,746,662
(30)	Refined products stock withdrawn (plus) or added (minus)	+26,670	+860	-9,835	-328	-350	-9,045	+10,415
(31)	Total products supplied for domestic use (31) = (29) + (30)	568,976	18,354	500,832	16,694	18,922	6,224,308	6,757,077
	Major refined products supplied:							
(32)	Motor gasoline	205,474	6,628	187,123	6,237	6,730	2,407,939	2,567,573
(33)	Distillate fuel oil	113,014	3,646	87,485	2,916	3,708	1,048,586	1,208,456
(34)	Residual fuel oil	85,142	2,747	72,889	2,430	3,013	912,403	1,031,557
(35)	Jet fuel, total	33,565	1,083	30,873	1,029	1,103	391,096	392,699
(36)	Liquefied gases	43,388	1,400	36,028	1,201	1,473	407,864	455,929
(37)	Other	88,393	2,851	86,434	2,881	2,895	1,056,420	1,100,863
(38)	Total products supplied (38) = (32) through (37)	568,976	18,354	500,832	16,694	18,922	6,224,308	6,757,077
	Stocks all oils:							
(39)	Crude oil and lease condensate (excl. SPR)	357,702	--	372,811	--	*339,074	--	--
(40)	Strategic petroleum reserve (SPR)	107,800	--	102,320	--	*91,191	--	--
(41)	Unfinished oils	124,049	--	126,454	--	*117,687	--	--
(42)	Natural gasoline[5] and unfractionated stream[6]	16,938	--	16,865	--	*14,289	--	-
(43)	Refined products	788,770	--	815,440	--	*778,621	--	--
(44)	Total	1,395,259	--	1,433,890	--	*1,340,862	--	--

[1] Daily Average columns may not add due to independent rounding.
[2] Imports of crude oil include some Athabasca hydrocarbons.
[3] Exports to noncontiguous territories were estimated prior to February 1980 because Department of Commerce data were not available.
[4] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.
[5] Includes isopentane.
[6] Includes plant condensate.
*Stocks: 1,000 barrels.
Sources: Forms ERA-60, ERA-182, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, EIA-90, and EIA-170; Bureau of Census publications IM 145, EM 522, and EM 594; State Conservation Agencies; and the U.S. Geological Survey.

Table 2. Comparative Supply and Disposition Statistics
(Thousand Barrels)

Item	December 1980		November 1980		December 1979	January-December (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Gross input to crude oil distillation units	432,675	13,957	403,359	13,445	15,237	5,048,438	5,458,728
Isopentane							
Production	828	27	879	29	25	9,067	9,536
Stocks at plants	580	--	617	--	*308	580	308
Used at refineries	863	28	1,140	38	25	8,790	9,392
Supplied for domestic use	2	(s)	2	(s)	0	5	0
Natural Gasoline							
Production	6,916	223	7,895	263	259	94,545	96,254
Stocks:							
At refineries	2,208	--	2,309	--	*997	2,208	997
At plants	9,022	--	9,318	--	*8,561	9,022	8,561
Total	11,230	--	11,627	--	*9,558	11,230	9,558
Imports	0	0	0	0	0	0	10
Used at refineries	4,437	143	4,119	137	182	55,483	67,203
Supplied for domestic use	2,876	93	4,242	141	79	37,390	26,251
Unfractionated Stream (Including Plant Condensate)							
Production	1,905	61	919	31	51	16,622	18,977
Stocks:							
At refineries	276	--	266	--	*218	276	218
At plants	4,852	--	4,355	--	*4,205	4,852	4,205
Total	5,128	--	4,621	--	*4,423	5,128	4,423
Imports	304	10	259	9	15	3,781	4,739
Used at refineries	1,690	55	1,474	49	59	19,567	23,376
Supplied for domestic use	12	(s)	16	1	0	130	128
Total Finished Gasoline							
Production:							
At refineries	206,488	6,661	194,482	6,483	7,015	2,388,260	2,508,094
At gas processing plants	449	14	388	13	18	5,706	6,474
Total	206,937	6,675	194,870	6,496	7,033	2,393,966	2,514,568
Stocks:							
At refineries	264,011	--	259,538	--	*239,738	264,011	239,738
At plants	186	--	202	--	*181	186	181
Total	264,197	--	259,740	--	*239,919	264,197	239,919
Imports	3,763	121	3,793	126	263	51,071	66,006
Exports	19	1	13	(s)	(s)	494	155
Supplied for domestic use	206,224	6,652	188,058	6,269	6,760	2,420,686	2,581,502
Motor Gasoline							
Production:							
At refineries	205,592	6,632	193,674	6,456	6,988	2,376,086	2,495,396
At gas processing plants	364	12	324	11	15	5,053	5,440
Total	205,956	6,644	193,998	6,467	7,003	2,381,139	2,500,836
Stocks:							
At refineries	261,327	--	257,059	--	*237,082	261,327	237,082
At plants	71	--	113	--	*118	71	118
Total	261,398	--	257,172	--	*237,200	261,398	237,200
Imports	3,763	121	3,793	126	263	51,071	65,999
Exports	19	1	13	(s)	0	494	155
Supplied for domestic use	205,474	6,628	187,123	6,237	6,730	2,407,939	2,567,573
Aviation Gasoline							
Production:							
At refineries	896	29	808	27	27	12,174	12,698
At gas processing plants	85	3	64	2	3	653	1,034
Total	981	32	872	29	30	12,827	13,732
Stocks:							
At refineries	2,684	--	2,479	--	*2,656	2,684	2,656
At plants	115	--	89	--	*63	115	63
Total	2,799	--	2,568	--	*2,719	2,799	2,719
Imports	0	0	0	0	0	0	7
Supplied for domestic use	750	24	935	31	29	12,747	13,929
Total Jet Fuel							
Production	29,823	962	29,652	988	1,072	365,580	369,218
Stocks	42,031	--	43,921	--	*38,520	42,031	38,520
Imports	1,871	60	1,983	66	108	29,521	28,566
Exports	19	1	18	1	1	494	230
Supplied for domestic use	33,565	1,083	30,873	1,029	1,103	391,096	392,699
Naphtha-Type Jet Fuel							
Production:							
At refineries	6,212	200	5,645	188	193	68,760	64,394
At gas processing plants	0	0	0	0	0	0	0
Total	6,212	200	5,645	188	193	68,760	64,394
Stocks:							
At refineries	6,308	--	6,413	--	*5,599	6,308	5,599
At plants	0	--	0	--	*0	0	0
Total	6,308	--	6,413	--	*5,599	6,308	5,599
Imports	839	27	799	27	37	11,257	8,173
Exports	0	0	0	0	0	20	1
Supplied for domestic use	7,156	231	6,461	215	209	79,283	72,925
Kerosene-Type Jet Fuel							
Production	23,611	762	24,007	800	879	296,820	304,824
Stocks	35,723	--	37,508	--	*32,921	35,723	32,921
Imports	1,032	33	1,184	39	71	18,264	20,393
Exports	19	1	18	1	1	474	229
Supplied for domestic use	26,409	852	24,412	814	895	311,813	319,774

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.
(s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition - Continued
(Thousand Barrels)

Item	December 1980		November 1980		December 1979	January-December (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
Ethane (Including Ethylene)							
Production:							
At refineries	252	8	279	9	8	2,136	2,668
At gas processing plants	8,660	279	8,522	284	303	102,396	104,634
Total	8,912	287	8,801	293	311	104,532	107,302
Stocks:							
At refineries	0	--	0	--	*0	0	0
At plants	4,650	--	5,023	--	*5,749	4,650	5,749
Total	4,650	--	5,023	--	*5,749	4,650	5,749
Imports	1,500	48	1,462	49	44	19,251	16,687
Exports	0	0	0	0	0	1	0
Supplied for domestic use:							
Refinery ethane/ethylene	252	8	279	9	8	2,136	2,668
Plant ethane	10,533	340	9,692	323	346	122,753	122,420
Total	10,785	348	9,971	332	354	124,889	125,088
Total Liquefied Gases							
Production:							
At refineries (LRG):							
For fuel use	7,808	252	7,064	235	238	87,016	84,688
For chemical use	2,672	86	2,374	79	97	31,717	36,756
Total	10,480	338	9,438	315	335	118,733	121,444
At gas processing plants (LPG)	29,297	945	28,222	941	963	341,231	339,269
Total	39,777	1,283	37,660	1,255	1,298	459,964	460,713
Stocks:							
LRG:							
For fuel use	6,139	--	6,628	--	*5,876	6,139	5,876
For chemical use	231	--	235	--	*124	231	124
Total	6,370	--	6,863	--	*6,000	6,370	6,000
LPG:							
At refineries	2,888	--	3,036	--	*2,430	2,888	2,430
At plants	111,067	--	117,164	--	*96,520	111,067	96,520
Total	113,955	--	120,200	--	*98,950	113,955	98,950
Total	120,325	--	127,063	--	*104,950	120,325	104,950
Imports	7,473	241	5,471	182	214	56,711	62,576
Exports	710	23	684	23	22	7,826	5,414
LPG used at refineries	9,890	319	9,111	304	305	85,792	86,253
Supplied for domestic use:							
LRG for fuel use	8,297	268	6,445	215	242	86,753	85,957
LRG for chemical use	2,676	86	2,272	76	98	31,610	36,900
LPG for fuel and chemical use	32,415	1,046	27,311	910	1,133	289,501	333,072
Total	43,388	1,400	36,028	1,201	1,473	407,864	455,929
Propane (Including Propylene)							
Production:							
At refineries:							
For fuel use	7,042	227	6,099	203	212	72,366	70,135
For chemical use	2,230	72	2,091	70	77	26,159	28,934
Total	9,272	299	8,190	273	289	98,525	99,069
At gas processing plants	13,681	441	13,590	453	470	158,970	164,256
Total	22,953	740	21,780	726	759	257,495	263,325
Stocks:							
Refinery propane/propylene:							
For fuel use	4,626	--	4,879	--	*4,037	4,626	4,037
For chemical use	215	--	216	--	*107	215	107
Total	4,841	--	5,095	--	*4,144	4,841	4,144
Plant propane:							
At refineries	590	--	674	--	*140	590	140
At plants	62,366	--	66,572	--	*59,509	62,366	59,509
Total	62,956	--	67,246	--	*59,649	62,956	59,649
Total	67,797	--	72,341	--	*63,793	67,797	63,793
Imports	2,949	95	2,714	90	114	25,344	32,268
Exports	305	10	317	10	13	3,617	2,873
Plant propane used at refineries	313	10	299	10	15	4,476	5,003
Supplied for domestic use:							
Refinery propane/propylene:							
For fuel use	7,295	235	5,535	185	212	71,777	71,012
For chemical use	2,231	72	1,988	66	78	26,051	29,064
Total	9,526	307	7,523	251	290	97,828	100,076
Plant propane	20,302	655	14,666	489	708	172,914	209,782
Total	29,828	962	22,189	740	998	270,742	309,858
Butane (Including Butylene)							
Production:							
At refineries:							
For fuel use	592	19	686	23	18	11,086	11,528
For chemical use	309	10	198	7	17	4,480	5,429
Total	901	29	884	29	35	15,566	16,957
At gas processing plants	6,523	210	6,198	207	214	76,153	76,606
Total	7,424	239	7,082	236	248	91,719	93,563
Stocks:							
Refinery butane/butylene:							
For fuel use	1,257	--	1,351	--	*1,504	1,257	1,504
For chemical use	5	--	8	--	*7	5	7
Total	1,262	--	1,359	--	*1,511	1,262	1,511
Plant butane:							
At refineries	1,301	--	1,402	--	*1,473	1,301	1,473
At plants	24,880	--	28,141	--	*22,114	24,880	22,114
Total	26,181	--	29,543	--	*23,587	26,181	23,587
Total	27,443	--	30,902	--	*25,098	27,443	25,098
Imports	3,399	110	1,548	52	63	20,709	21,548
Exports	405	13	371	12	9	4,209	2,541
Plant butane used at refineries	6,109	197	5,296	177	170	39,950	415,741
Supplied for domestic use:							
Refinery butane/butylene:							
For fuel use	686	22	661	22	22	11,333	12,113
For chemical use	312	10	197	7	17	4,482	5,440
Total	998	32	858	29	39	15,815	17,553
Plant butane	6,770	218	5,698	190	209	50,291	51,757
Total	7,768	251	6,556	219	247	66,106	69,310

[1] Daily Average columns do not add due to independent rounding.
*Stocks: 1,000 barrels.

Table 2. Comparative Supply and Disposition Statistics - Continued
(Thousand Barrels)

Item	December 1980		November 1980		December 1979	January-December (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
				Butane-Propane Mixture			
Production:							
At refineries:							
For fuel use	174	6	279	9	8	3,564	3,025
For chemical use	12	(s)	17	1	0	110	363
Total	186	6	296	10	8	3,674	3,388
At gas processing plants	93	3	87	3	3	1,294	1,138
Total	279	9	383	13	11	4,968	4,526
Stocks:							
Refinery butane-propane mixture:							
For fuel use	256	—	398	—	*335	256	335
For chemical use	1	—	1	—	*1	1	1
Total	257	—	399	—	*336	257	336
Plant butane-propane mixture:							
At refineries	11	—	13	—	*7	11	7
At plants	3,279	—	2,274	—	*1,375	3,279	1,375
Total	3,290	—	2,287	—	*1,382	3,290	1,382
Total	3,547	—	2,686	—	*1,718	3,547	1,718
Imports	1,125	36	1,209	40	37	10,658	8,760
Plant butane-propane mixture used at refineries	161	5	242	8	7	2,464	2,306
Supplied for domestic use:							
Refinery butane-propane mixture:							
For fuel use	316	10	249	8	7	3,643	2,832
For chemical use	12	0	19	1	0	110	364
Total	328	11	268	9	7	3,753	3,196
Plant butane-propane mixture	54	2	1,097	37	41	7,580	7,643
Total	382	12	1,365	46	48	11,333	10,839
				Ethane-Propane Mixture			
Production	5,585	180	5,210	174	170	66,303	59,279
Stocks	12,904	—	12,608	—	*5,317	12,904	5,317
Imports	0	0	0	0	0	0	0
Supplied for domestic use	5,289	171	5,850	195	176	58,716	63,890
				Isobutane			
Production:							
At refineries	121	4	68	2	4	968	2,030
At gas processing plants	3,415	110	3,137	105	105	38,511	37,990
Total	3,536	114	3,205	107	109	39,479	40,020
Stocks:							
Refinery isobutane	10	—	10	—	*9	10	9
Plant isobutane:							
At refineries	986	—	947	—	*810	986	810
At plants	7,638	—	7,569	—	*8,205	7,638	8,205
Total	8,624	—	8,516	—	*9,015	8,624	9,015
Total	8,634	—	8,526	—	*9,024	8,634	9,024
Plant isobutane used at refineries	3,307	107	3,274	109	114	38,902	37,730
Supplied for domestic use:							
Refinery isobutane for chemical use	121	4	68	2	4	967	2,032
				Kerosene (Including Range Oil)			
Production:							
At refineries	5,148	166	3,917	131	195	50,227	66,750
At gas processing plants	3	(s)	3	(s)	(s)	35	41
Total	5,151	166	3,920	131	195	50,262	66,791
Stocks:							
At refineries	11,568	—	12,670	—	*15,821	11,568	15,821
At plants	2	—	2	—	*3	2	3
Total	11,570	—	12,672	—	*15,824	11,570	15,824
Imports	1,015	33	22	1	22	3,690	3,298
Exports	1	(s)	7	(s)	(s)	32	25
Supplied for domestic use	7,267	234	3,701	123	3,708	58,174	68,590
				Distillate Fuel Oil			
Production:							
At refineries	89,651	2,892	80,984	2,699	3,221	974,744	1,150,594
At gas processing plants	16	1	11	(s)	1	167	177
Total	89,667	2,892	80,995	2,700	3,221	974,911	1,150,771
Crude used directly as distillate	46	1	43	1	1	542	542
Stocks:							
At refineries:							
No. 4 fuel oil	3,406	—	3,589	—	*4,235	3,406	4,235
Other	201,707	—	219,672	—	*224,477	201,707	224,477
Total	205,113	—	223,261	—	*228,712	205,113	228,712
At plants	19	—	15	—	*17	19	17
Total	205,132	—	223,276	—	*228,729	205,132	228,729
Imports	5,159	166	3,994	133	229	50,780	70,489
Exports	2	(s)	2	(s)	(s)	1,238	1,079
Supplied for domestic use	113,014	3,646	87,485	2,916	3,708	1,048,586	1,208,456
				Residual Fuel Oil			
Production	51,506	1,661	47,323	1,577	1,894	577,077	615,579
Crude used directly as residual	312	10	306	10	10	4,464	4,464
Stocks	90,344	—	93,814	—	*95,598	90,344	95,598
Imports	[2]31,787	1,025	30,730	1,024	1,278	336,579	420,144
Exports	1,933	62	2,645	88	14	12,232	3,266
Supplied for domestic use	85,142	2,747	72,889	2,430	3,013	912,403	1,031,557
				Petrochemical Feedstocks [3]			
Production	20,279	654	19,652	655	746	254,571	252,063
Stocks	5,948	—	6,964	—	*3,995	5,948	3,995
Imports:							
Naphtha-400°	0	0	0	0	0	0	0
Other	1,576	51	1,402	47	11	10,245	3,934
Total	1,576	51	1,402	47	11	10,245	3,934
Exports:							
Naphtha-400°	202	7	160	5	6	1,987	1,696
Other	550	18	1,044	35	30	8,555	9,595
Total	752	24	1,204	40	36	10,542	11,291
Supplied for domestic use:							
Still gas	1,283	41	1,348	45	39	15,658	13,142
Naphtha-400°	8,909	287	8,226	274	259	90,326	86,713
Other	11,927	385	11,095	370	428	146,337	145,298
Total	22,119	714	20,669	689	726	252,321	245,153

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[1] Daily Average columns may not add due to independent rounding.
[2] Includes foreign crude oil to be burned as fuel: 127.
[3] Produced at petroleum refineries. Data for ethane and liquefied gases for petrochemical feedstock use are excluded and are included with data under items "Ethane" and "Liquefied gases."
*Stocks: 1,000 barrels. (s) Less than 500 barrels per day.

Table 2. Comparative Supply and Disposition Statistics – Continued
(Thousand Barrels)

Item	December 1980		November 1980		December 1979	January-December (Incl.)	
	Total	Daily Av.[1]	Total	Daily Av.[1]	Daily Av.[1]	1980	1979
				Special Naphthas			
Production:							
At refineries	2,922	94	2,875	96	113	35,042	35,195
At gas processing plants	136	4	131	4	4	1,414	1,414
Total	3,058	99	3,006	100	116	36,456	36,609
Stocks:							
At refineries	4,929	--	4,767	--	*4,196	4,929	4,196
At plants	105	--	78	--	*62	105	62
Total	5,034	--	4,845	--	*4,258	5,034	4,258
Imports	671	22	811	27	1	3,354	3,480
Exports	118	4	268	9	1	1,797	1,725
Supplied for domestic use	3,422	110	3,486	116	99	37,237	38,229
				Lubricants			
Production	5,395	174	5,047	168	194	65,123	70,983
Stocks	13,483	--	13,161	--	*12,549	13,483	12,549
Imports	292	9	122	4	8	2,667	3,411
Exports:							
Grease	19	1	19	1	1	246	279
Oil	591	19	481	16	31	8,322	8,275
Total	610	20	500	17	32	8,568	8,554
Supplied for domestic use	4,755	153	4,729	158	140	58,288	65,524
				Wax[2]			
Production	575	19	536	18	19	6,355	6,892
Stocks	542	—	543	--	*731	542	731
Imports	0	0	0	0	0	0	0
Exports	49	2	51	2	3	736	836
Supplied for domestic use	527	17	434	14	14	5,808	6,084
				Coke[3]			
Production:							
Marketable coke	6,268	202	6,080	203	217	74,978	75,343
Catalyst coke	5,377	173	4,933	164	169	60,494	61,931
Total	11,645	376	11,013	367	386	135,472	137,274
Stocks	4,286	--	5,007	--	*5,210	4,286	5,210
Exports	4,414	142	2,364	79	145	49,872	53,270
Supplied for domestic use	7,952	257	8,510	284	243	86,524	89,862
				Asphalt[4]			
Production	9,144	295	10,942	365	372	141,192	168,785
Stocks	18,829	--	16,959	--	*18,892	18,829	18,892
Imports	83	3	141	5	1	1,414	1,448
Exports	8	(a)	17	1	0	247	181
Supplied for domestic use	7,349	237	10,165	339	298	142,571	172,049
				Road Oil			
Production	55	2	142	5	3	2,541	1,571
Stocks	255	--	260	--	*94	255	94
Supplied for domestic use	60	2	228	8	3	2,630	1,705
				Still Gas for Fuel			
Production	16,789	542	15,923	531	548	190,302	205,069
				Miscellaneous Products			
Production:							
At refineries	3,590	116	3,212	107	134	37,399	41,419
At gas processing plants	100	3	82	3	3	1,092	1,247
Total	3,690	119	3,294	110	137	38,491	42,666
Stocks:							
At refineries	2,118	--	2,163	--	*3,565	2,118	3,565
At plants	26	--	29	--	*38	26	38
Total	2,144	--	2,192	--	*3,603	2,144	3,603
Imports	18	1	257	9	16	825	786
Exports	28	1	22	1	0	210	163
Supplied for domestic use	3,728	120	3,423	114	143	40,404	43,222
				Unfinished Oils (Net)			
Input (plus) Output (minus)	+3,058	+99	+6,044	+201	+137	+13,262	+12,416
Stocks	124,049	--	126,454	--	*117,687	124,049	117,687
Imports	653	21	1,409	47	100	19,659	21,372

[1] Daily Average columns do not add due to independent rounding.
[2] For Wax, 1 barrel = 280 pounds.
[3] For Coke, 5 barrels = 1 short ton.
[4] For Asphalt, 5.5 barrels = 1 short ton.
*Stocks: 1,000 barrels. (s) less than 500 barrels per day.
Note: "Stocks at refineries" include stocks at refineries, at bulk terminals operated by refining and product pipeline companies (including pipeline fill), and stocks at independent bulk terminals. "Stocks at plants" include stocks at plants and terminals operated by natural gas processing companies and natural gas liquids stocks at terminals of pipeline companies (including pipeline fill). Bulk terminal storage facilities included must have a total bulk storage capacity of 50,000 barrels or more, or receive petroleum products by tanker, barge, or pipeline.
Sources: Forms ERA-60, FEA-P133, EIA-64, EIA-87, EIA-88, EIA-89, and EIA-90; Bureau of Census publications IM 145, EM 522, and EM 594.

Table 3. Production of Crude Petroleum (Including Lease Condensate) by State and PAD District[1]
(Thousand Barrels)

State and PAD District	December 1980		November 1980	December 1979	January-December (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
PAD District I:						
Florida	3,630	117.1	119.1	3,881	42,846	47,168
New York	E69	2.2	2.2	74	842	855
Pennsylvania	E225	7.3	7.3	218	3,476	2,874
Virginia	0	0.0	0.0	0	0	4
West Virginia	E205	6.6	6.6	205	2,258	2,406
Total	E4,129	133.2	135.2	4,378	49,422	53,307
PAD District II:						
Illinois	2,089	67.4	60.3	1,902	22,935	21,793
Indiana	E396	12.8	12.8	453	4,627	4,715
Kansas	5,263	169.8	162.9	4,924	60,152	56,995
Kentucky	545	17.6	16.4	485	5,934	5,514
Michigan	E2,830	91.3	94.2	3,119	32,753	34,862
Missouri	E6	0.2	0.2	7	71	91
Nebraska	529	17.1	16.7	501	6,255	6,068
North Dakota	3,693	119.1	118.4	2,982	40,014	30,914
Ohio	E1,035	33.4	33.4	953	12,518	11,953
Oklahoma	13,632	439.7	421.9	12,228	151,960	143,642
South Dakota	65	2.1	2.2	67	789	846
Tennessee	74	2.4	2.2	52	742	614
Total	E30,157	972.8	941.6	27,673	338,750	318,007
PAD District III:						
Alabama	1,955	63.1	63.2	1,810	21,911	19,161
Arkansas	1,608	51.9	48.2	1,617	18,210	18,869
Louisiana:						
Gulf Coast	35,961	1,160.0	1,109.5	38,855	434,529	457,747
Rest of State	2,871	92.6	84.6	2,780	32,435	31,940
Total	38,832	1,252.6	1,194.2	41,635	466,964	489,687
Mississippi	2,885	93.1	94.5	3,236	36,533	37,327
New Mexico:						
Southeastern	5,801	187.1	180.8	6,236	69,285	73,455
Northwestern	543	17.5	17.5	563	6,171	6,194
Total	6,344	204.6	198.2	6,799	75,456	79,649
Texas:						
District 01	1,672	53.9	52.7	1,608	19,364	19,129
District 02	3,793	122.4	122.4	4,188	47,194	52,755
District 03	11,516	371.5	367.1	10,566	127,849	129,065
District 04	2,603	84.0	82.6	2,704	30,398	30,968
District 05	815	26.3	27.6	926	10,496	11,724
District 06, except East Texas	3,873	124.9	127.7	4,468	49,185	53,553
East Texas	4,885	157.6	157.8	5,065	58,614	60,312
District 07B	2,447	78.9	78.1	2,388	28,449	28,266
District 07C	2,684	86.6	86.8	2,697	31,457	30,594
District 08	20,109	648.7	652.4	20,822	240,934	248,706
District 08A	22,769	734.5	736.9	24,717	278,728	300,982
District 09	2,931	94.5	91.2	2,841	33,656	33,151
District 10	1,681	54.2	52.0	1,637	18,915	18,889
Total	81,778	2,638.0	2,635.3	84,627	975,239	1,018,094
Total	133,402	4,303.3	4,233.6	139,724	1,594,313	1,662,787
PAD District IV:						
Colorado	2,367	76.4	82.5	2,653	29,565	32,324
Montana	2,595	83.7	84.8	2,620	29,566	29,957
Utah	E2,150	69.4	87.9	2,198	25,721	27,728
Wyoming	E11,194	361.1	361.1	10,589	129,309	131,890
Total	E18,306	590.5	616.2	18,060	214,161	221,899
PAD District V:						
Alaska[3]	49,656	1,601.8	1,560.6	47,102	591,684	511,335
Arizona	28	0.9	0.9	46	399	472
California:						
South	6,929	223.5	228.2	7,283	83,234	88,343
Central Coastal	5,052	163.0	163.4	5,147	58,479	60,564
East Central	19,082	615.5	614.5	17,528	214,722	203,120
North	17	0.5	0.6	19	209	241
Total	31,080	1,002.6	1,006.8	29,977	356,644	352,268
Nevada	E116	3.7	3.7	90	1,146	1,235
Total	E80,880	2,609.1	2,572.0	77,215	949,873	865,310
United States, total	E266,874	8,608.8	8,498.5	267,050	3,146,519	3,121,310
Pennsylvania Grade (included above)	1,182	38.1	38.1	1,135	15,108	14,143

[1] Includes offshore production.
[2] Daily Average columns may not add due to independent rounding.
[3] North Slope Production: Current month, 46,726; Year-to-date, 556,751.
E=Estimate.
Sources: ERA-182, State Conservation Agencies, and the U.S. Geological Survey.

Table 4. Offshore Production of Crude Petroleum (Including Lease Condensate) by State[1]
(Thousand Barrels)

State	December 1980		November 1980	December 1979	January-December (Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]		1980	1979
Alaska[3]	2,613	84.3	84.5	2,943	32,357	38,368
California:						
Federal	859	27.7	27.9	889	10,096	10,971
State	3,333	107.5	109.6	3,473	40,116	41,813
Total	4,192	135.2	137.4	4,362	50,212	52,784
Louisiana:						
Federal	21,322	687.8	643.3	23,058	255,584	262,953
State	2,337	75.4	69.4	2,387	27,600	29,332
Total	23,659	763.2	712.7	25,445	283,184	292,285
Texas:						
Federal	1,071	34.5	34.6	472	9,113	3,427
State	145	4.7	4.8	232	1,962	2,544
Total	1,216	39.2	39.4	704	11,075	5,971
United States, total	31,680	1,021.9	974.0	33,454	376,828	389,408

[1] These production data are included in Table 3.
[2] Daily Average columns may not add due to independent rounding.
[3] All offshore production within State boundaries.
Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 5. Production of Lease Condensate by State[1]
(Thousand Barrels)

State	December 1980		November 1980	December	January-December(Incl.)	
	Total	Daily Av.[2]	Daily Av.[2]	1979	1980	1979
Alabama	1,130	36.5	36.0	938	12,118	8,604
California	18	0.6	0.6	18	203	216
Louisiana	6,687	215.7	201.8	6,710	73,926	75,502
Mississippi	E380	12.3	12.5	165	2,852	1,976
New Mexico	485	15.6	14.0	490	5,369	4,998
Oklahoma	786	24.5	26.3	591	7,688	6,273
Texas	3,579	115.5	110.1	3,587	38,153	37,690
Total	E13,065	421.5	401.3	12,499	140,309	135,259

[1] These production data are in Table 3. Small amounts of lease condensate are known to be produced in States other than those listed; however, statistics on this production are not available.

[2] Daily Average columns may not add due to independent rounding.

E=estimate.

Sources: State Conservation Agencies and the U.S. Geological Survey.

Table 6. Supply and Disposition of Crude Oil (Including Lease Condensate) in the United States
(Thousand Barrels)

Supply and Disposition	December 1980		November 1980	December	January-December(Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]	1979	1980	1979
Supply:						
Production	266,874	8,609	8,499	267,050	3,146,519	3,121,310
Imports	156,428	5,046	4,666	195,861	1,910,680	2,379,541
Total new supply	423,302	13,655	13,165	462,911	5,057,199	5,500,851
Stock changes:						
Domestic crude	-10,704	-345	-238	-4,631	+23,893	+18,831
Foreign crude	+1,075	+35	+238	-3,710	+11,338	+35,153
Unaccounted for[2]	+1,575	+51	+269	-2,557	+26,895	-4,060
Disposition by use:						
Refinery inputs, domestic crude	266,722	8,604	8,432	261,542	3,023,931	3,018,049
Refinery inputs, foreign crude	156,353	5,044	4,686	199,631	1,910,724	2,328,339
Exports	10,620	343	289	6,673	103,908	85,707
Transfers	358	12	12	358	5,006	5,006
Losses	453	15	14	491	5,294	5,706
Total	434,506	14,016	13,433	468,695	5,048,863	5,442,807

[1] Daily Average columns may not add due to independent rounding.

[2] Represents the arithmetic difference calculated by subtracting the indicated demand for crude oil from the total disposition of crude oil. A negative number signifies that indicated demand exceeds total disposition of crude oil. A positive number signifies that total disposition exceeds indicated demand for crude oil. Indicated demand for crude oil is calculated by adding domestic production to imports and then adding stock decreases or subtracting stock increases of crude oil.

Sources: Forms ERA-60, EIA-87, EIA-90, ERA-182, Bureau of Census publications EM 522 and EM 594, State Conservation Agencies; and the U.S. Geological Survey.

Table 7. Indicated Demand for Total Crude Oil (Including Lease Condensate) by State of Origin and PAD District
(Thousand Barrels)

State of Origin	December 1980		November 1980	December	January-December(Incl.)	
	Total	Daily Av.[1]	Daily Av.[1]	1979	1980	1979
PAD District I:						
Florida	3,824	123.4	125.0	4,334	42,261	49,710
New York	70	2.3	2.2	75	842	855
Pennsylvania	334	10.8	9.1	260	3,496	2,706
Virginia	0	0.0	0.0	0	0	4
West Virginia	253	8.2	7.2	186	2,342	2,292
Total	4,481	144.5	143.4	4,855	48,941	55,567
PAD District II:						
Illinois	1,768	57.0	68.4	1,954	22,885	22,170
Indiana	379	12.2	13.6	406	4,633	4,721
Kansas	5,771	186.2	174.6	5,292	59,557	57,317
Kentucky	616	19.9	17.7	455	5,902	5,599
Michigan	3,075	99.2	91.5	2,970	32,851	34,520
Missouri	6	0.2	0.2	7	71	91
Nebraska	429	13.8	15.9	356	6,269	7,426
North Dakota	3,793	122.4	162.1	2,879	39,511	30,509
Ohio	1,184	38.2	36.9	964	13,406	11,206
Oklahoma	14,143	456.2	422.7	10,367	151,818	142,872
South Dakota	65	2.1	2.1	67	788	848
Tennessee	74	2.4	2.3	50	743	612
Total	31,303	1,009.8	1,008.0	25,767	338,434	317,891
PAD District III:						
Alabama	1,825	58.9	62.3	1,855	21,170	19,177
Arkansas	1,458	47.0	45.7	1,659	18,050	18,620
Louisiana	39,804	1,284.0	1,219.8	42,580	464,803	486,169
Mississippi	2,736	88.3	103.0	3,204	35,942	37,535
New Mexico	5,714	184.3	201.5	6,837	74,155	79,247
Texas	83,588	2,696.4	2,705.7	88,771	973,931	1,009,695
Total	135,125	4,358.9	4,338.0	144,906	1,588,051	1,650,443
PAD District IV:						
Colorado	2,319	74.8	88.1	2,615	29,653	32,274
Montana	2,891	93.3	79.8	2,440	29,642	29,668
Utah	2,053	66.2	86.2	2,164	25,835	27,850
Wyoming	13,149	424.1	322.2	10,698	126,495	129,332
Total	20,412	658.5	576.3	17,917	211,625	219,124
PAD District V:						
Alaska	55,427	1,788.0	1,581.7	47,793	579,156	508,073
Arizona	29	0.9	0.8	46	399	472
California	30,689	990.0	1,085.0	30,307	354,885	349,671
Nevada	112	3.6	3.8	90	1,135	1,238
Total	86,257	2,782.5	2,671.3	78,236	935,575	859,454
United States:						
Domestic crude	277,578	8,954.1	8,736.9	271,681	3,122,626	3,102,479
Foreign crude	155,353	5,011.4	4,427.7	199,571	1,899,342	2,344,388
Total	432,931	13,965.5	13,164.6	471,252	5,021,968	5,446,867
Pennsylvania Grade (included above)	1,606	51.8	42.0	1,200	12,482	13,909

[1] Daily Average columns may not add due to independent rounding.

Sources: Forms ERA-60, ERA-182, EIA-87, and EIA-90; State Conservation Agencies; and the U.S. Geological Survey.

Table 8. Stocks of Crude Oil by State of Origin and Location
(Thousand Barrels)

State and PAD District	December 31, 1980	November 30, 1980	December 31, 1980				November 30, 1980
	Total for State of Origin	Total for State of Origin	At Refineries	At Tank Farms and Pipelines	On Leases	Total All Locations	Total All Locations
PAD District I:							
Delaware, Maryland	0	0	1,673	0	0	1,673	1,851
Florida, Georgia, NC, VA, W. Va.	2,803	3,045	2,395	685	48	3,128	2,333
New Hampshire, New York, Rhode Island	4	5	1,043	952	0	1,995	2,076
New Jersey	0	0	7,409	0	0	7,409	8,111
Pennsylvania	449	558	6,308	873	21	7,202	7,176
Total	3,256	3,608	18,828	2,510	69	21,407	21,547
PAD District II:							
Illinois	2,141	1,820	5,419	15,489	76	20,984	22,522
Indiana	449	432	1,448	2,898	2	4,348	4,255
Iowa, Missouri, Nebraska	471	371	300	7,188	23	7,511	7,966
Kansas	4,821	5,329	2,069	7,340	240	9,649	9,818
Kentucky, Tennessee	278	349	1,283	3,881	11	5,175	5,153
Michigan	2,474	2,719	658	2,410	121	3,189	3,416
Minnesota, Wisconsin	0	0	2,359	2,836	0	5,195	4,730
North Dakota, South Dakota	2,428	2,528	260	1,129	152	1,541	1,643
Ohio	1,208	1,357	2,366	3,799	73	6,238	6,949
Oklahoma	15,356	15,867	1,929	20,421	867	23,217	23,480
Total	29,626	30,772	18,091	67,391	1,565	87,047	89,932
PAD District III:							
Alabama	1,125	995	634	866	41	1,541	2,098
Arkansas	1,092	942	99	1,582	92	1,773	1,424
Louisiana	27,775	28,747	18,251	83,281	2,174	103,706	103,698
Mississippi	2,558	2,409	2,857	4,322	164	7,343	7,700
New Mexico	9,324	8,694	890	3,129	1,620	5,639	5,370
Texas	97,407	99,217	30,704	115,913	11,948	158,565	163,563
Total	139,281	141,004	53,435	[1]209,093	16,039	[2]278,567	283,853
PAD District IV:							
Colorado	1,664	1,616	231	870	153	1,254	1,121
Montana	2,920	3,216	827	1,423	402	2,652	2,696
Utah	1,142	1,045	762	927	265	1,954	1,919
Wyoming	21,459	23,414	1,284	9,317	417	11,018	11,746
Total	27,185	29,291	3,104	12,537	1,237	16,878	17,482
PAD District V:							
California	22,676	22,285	23,253	13,756	1,641	38,650	38,088
Other States[3]	48,140	53,908	6,909	16,001	43	22,953	24,229
Total	70,816	76,193	30,162	29,757	1,684	61,603	62,317
United States:							
Domestic crude	[4]270,164	280,868	71,492	178,078	20,594	270,164	280,868
Foreign crude	195,338	194,263	52,128	143,210	--	[5]195,338	194,263
Total	465,502	475,131	123,620	321,288	20,594	465,502	475,131

[1] Includes 107,800 located in the Strategic Petroleum Reserve.

[2] Includes 180,546 located in Texas-Louisiana Gulf Coast.

[3] Alaska, Arizona, Hawaii, Nevada, Oregon, and Washington.

[4] Includes 1,377 of Pennsylvania Grade.

[5] Stocks of foreign crude in PAD District I, 15,184; District II, 20,624; District III, 150,905; District IV, 677; District V, 7,948.

Source: Form EIA-90.

Table 9. - Percent Refinery Yields of the Major Petroleum Products from Crude and Unfinished Oils Reruns: December 1980
(Thousand Barrels)

Refinery District	Total gasoline	Special naphthas	Kerosene	Distillate fuel oil	Residual fuel	Total jet fuel	All other products[2]
East Coast	44.2	0.2	0.5	25.2	16.7	3.7	9.5
Appalachian #1	40.9	0.4	1.5	23.5	9.3	8.4	16.0
Appalachian #2	46.7	0.0	3.6	19.6	8.1	0.0	22.0
Indiana, Illinois, etc.	54.1	0.5	1.1	21.8	6.6	5.0	10.9
Minnesota, Wisconsin, etc.	42.2	0.0	0.4	30.8	8.2	2.3	16.1
Oklahoma, Kansas, etc.	51.3	0.6	0.6	28.3	4.3	3.1	11.8
Texas Inland	46.3	1.1	0.5	23.1	5.8	6.4	16.8
Texas Gulf	39.0	1.4	1.8	18.1	10.8	6.7	22.2
Louisiana	43.2	0.2	2.6	20.3	10.2	10.2	13.3
Arkansas, Louisiana Inland, etc.	25.4	5.2	0.6	28.0	15.4	3.3	22.1
New Mexico	33.5	0.0	0.8	27.5	15.8	13.4	9.0
Rocky Mountain	46.9	0.2	0.8	29.4	7.7	5.5	9.5
West Coast	40.7	0.7	0.3	14.9	23.7	10.7	9.0
U.S. Totals:							
December 1980	44.2	0.7	1.2	21.0	12.1	7.0	13.8
November 1980	R 44.4	0. 7	R 1.0	R20.3	R11.8	R7.4	R14.4
December 1979	42.6	0.8	1.3	21.5	12.6	7.1	14.1

[1] Based on total gasoline output minus input of natural gas liquids and other hydrocarbons.

[2] Includes processing gain.

R=Revised.

Source: Form EIA-87.

Table 10. Refinery Input and Output: December 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	United States
	East Coast	Appa-lachian # 1	Total	Appa-lachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	
Input																	
Crude Petroleum:																	
Domestic	4,669	3,769	8,438	714	41,896	3,245	25,799	71,654	13,655	52,533	39,435	4,883	2,668	113,174	12,824	60,632	266,722
Foreign	36,057	1,433	37,490	844	[1]26,271	4,929	4,075	[1]36,119	949	38,207	29,260	1,230	0	69,646	1,277	11,821	[1]156,353
Total	40,726	5,202	45,928	1,558	68,167	8,174	29,874	107,773	14,604	90,740	68,695	6,113	2,668	182,820	14,101	72,453	423,075
Unfinished oils rerun (net)	+3,431	-286	+3,145	+15	+594	+389	+439	+1,437	+927	-1,881	-854	+116	-179	-1,871	+100	+247	+3,058
Total crude and unfin. rerun	44,157	4,916	49,073	1,573	68,761	8,563	30,313	109,210	15,531	88,859	67,841	6,229	2,489	180,949	14,201	72,700	426,133
Natural gas liquids:																	
LFG	25	43	68	147	2,124	512	1,441	4,224	611	1,602	1,947	147	61	4,368	379	851	9,890
Natural gasoline	0	0	0	0	292	47	1,054	1,393	312	2,217	604	151	124	3,408	240	259	5,300
Unfractionated stream[1]	0	1	1	0	164	0	41	205	68	939	89	313	3	1,412	52	20	1,690
Total	25	44	69	147	2,580	559	[2]2,536	5,822	991	4,758	2,640	611	188	9,188	671	1,130	16,880
Other hydrocarbons	95	17	112	0	168	0	31	199	40	347	165	0	0	552	51	293	1,207
Output																	
Gasoline:																	
Motor gasoline	19,636	2,071	21,707	882	39,842	4,174	18,076	62,974	8,222	39,364	31,971	2,190	1,022	82,769	7,359	30,783	205,592
Aviation gasoline	2	0	2	0	93	0	25	118	4	362	161	0	0	527	29	220	896
Total	19,638	2,071	21,709	882	39,935	4,174	18,101	63,092	8,226	39,726	32,132	2,190	1,022	83,296	7,388	31,003	206,488
Jet fuel:																	
Naphtha-type	767	293	1,060	0	389	54	483	926	399	906	614	191	301	2,411	380	1,435	6,212
Kerosene-type	856	118	974	0	3,285	143	454	3,882	587	5,069	6,300	16	32	12,004	397	6,354	23,611
Total	1,623	411	2,034	0	3,674	197	937	4,808	986	5,975	6,914	207	333	14,415	777	7,789	29,823
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	233	0	0	0	233	0	19	252
LRG:																	
For fuel use	1,043	143	1,186	0	1,510	181	543	2,234	264	1,158	1,630	78	29	3,159	211	1,018	7,808
For chemical use	378	0	378	28	324	0	27	379	14	1,411	226	13	4	1,668	4	243	2,672
Total	1,421	143	1,564	28	1,834	181	570	2,613	278	2,569	1,856	91	33	4,827	215	1,261	10,480
Kerosene	211	75	286	56	776	31	166	1,029	71	1,582	1,792	38	19	3,502	114	217	5,148
Distillate fuel oil	11,140	1,153	12,293	308	14,965	2,634	8,580	26,487	3,583	16,066	13,780	1,742	684	35,855	4,172	10,844	89,651
Residual fuel oil	7,358	457	7,815	128	4,524	703	1,292	6,647	900	9,572	6,917	959	394	18,742	1,094	17,208	51,506
Petrochemical feedstocks:																	
Still gas	65	12	77	0	1	0	0	1	5	1,045	96	2	0	1,148	0	57	1,283
Naphtha-400°	355	0	355	0	375	0	86	461	303	5,762	990	48	0	7,103	14	276	8,209
Other	11	75	86	0	351	0	47	398	410	6,970	2,553	70	0	10,003	0	300	10,787
Total	431	87	518	0	727	0	133	860	718	13,777	3,639	120	0	18,254	14	633	20,279
Special naphthas	74	21	95	0	328	0	173	501	175	1,213	120	325	0	1,833	22	471	2,922
Lube oil:																	
Bright stock	78	148	226	0	25	0	60	85	0	207	46	0	0	253	0	37	601
Neutral	235	222	457	0	340	0	244	584	0	969	642	82	0	1,693	34	304	3,072
Other grades	146	9	155	0	118	0	102	220	15	990	138	85	1	1,229	5	113	1,722
Total	459	379	838	0	483	0	406	889	15	2,166	826	167	1	3,175	39	454	5,395
Wax	29	54	83	0	19	0	26	45	107	106	106	34	0	353	6	88	[3]575
Coke	1,126	29	1,155	18	2,137	293	1,102	3,550	299	1,970	1,530	72	13	3,884	298	2,758	11,645
Asphalt	1,147	66	1,213	95	1,912	539	1,076	3,622	505	357	550	821	83	2,316	680	1,313	9,144
Road oil	0	0	0	0	36	0	2	38	0	0	0	0	0	0	0	17	55
Still gas for fuel	1,774	141	1,915	0	3,059	98	1,328	4,485	394	3,840	2,542	187	66	7,029	539	2,821	16,789
Miscellaneous	165	31	196	1	205	20	146	372	407	1,519	643	23	0	2,592	22	408	3,590
Processing gain (-) or loss (+)	-2,319	-141	-2,460	+204	-3,105	+252	-1,158	-3,807	-102	-6,707	-2,701	-136	+29	-9,617	-457	-3,181	-19,522
Crude oil distillation units:																	
Gross input (1,000 b/d)[4]	1,346	170	1,516	55	2,226	279	977	3,537	508	3,034	2,236	211	90	6,079	473	2,352	13,957
Capacity (1,000 b/d)[5]	1,834	210	2,044	66	2,780	324	1,134	4,304	642	4,596	2,673	295	130	8,336	613	3,209	18,506
Operating ratio (percent)[6]	73.4	81.0	74.2	83.3	80.1	86.1	86.2	82.2	79.1	66.0	83.7	71.5	69.2	72.9	77.2	73.3	75.4

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[1] Includes some Athabasca hydrocarbons.

[2] Input item "Unfractionated stream" includes "Plant condensate."

[3] Includes microcrystalline, 202; crystalline-fully refined, 271; and crystalline-other, 102.

[4] Includes crude oil, products of natural gas processing plants, and other oils charged to crude oil distillation units during the month.

[5] Represents operable capacity at the beginning of the month.

[6] Represents gross input divided by capacity.

Source: Form EIA-87.

Table 11. Stocks Held at Refineries, by Pipelines, and at Bulk Terminals: December 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian # 1	Total	Appalachian # 2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Motor gasoline:																	
Refinery	11,096	808	11,904	135	17,799	2,440	7,488	27,862	4,151	19,121	13,039	1,235	500	38,046	5,572	18,144	101,528
Bulk terminal	40,609	3,417	44,026	2,322	19,523	4,348	5,653	31,846	2,468	6,626	1,699	2,490	294	13,577	1,769	10,342	101,560
Pipeline	14,378	788	15,166	1,015	6,733	1,478	7,955	17,181	2,627	5,353	5,809	8,224	140	22,153	1,262	2,477	58,239
Total	66,083	5,013	71,096	3,472	44,055	8,266	21,096	76,889	9,246	31,100	20,547	11,949	934	73,776	8,603	30,963	261,327
Aviation gasoline:																	
Refinery	35	0	35	0	221	0	42	263	10	414	291	0	0	715	39	296	1,348
Bulk terminal	410	33	443	0	259	76	65	400	60	30	10	8	34	142	8	276	1,269
Pipeline	0	0	0	0	20	0	22	42	0	20	0	0	0	20	5	0	67
Total	445	33	478	0	500	76	129	705	70	464	301	8	34	877	52	572	2,684
Naphtha-type jet fuel:																	
Refinery	255	106	361	0	526	58	415	999	256	461	426	175	202	1,520	287	972	4,139
Bulk terminal	16	0	16	19	91	24	226	360	159	236	0	43	24	462	13	93	944
Pipeline	328	0	328	3	44	0	31	78	26	0	45	100	113	284	71	464	1,225
Total	599	106	705	22	661	82	672	1,437	441	697	471	318	339	2,266	371	1,529	6,308
Kerosene-type jet fuel:																	
Refinery	953	69	1,022	0	1,918	59	259	2,236	356	3,478	2,367	33	14	6,248	262	3,889	13,657
Bulk terminal	4,480	96	4,576	110	2,604	631	854	4,199	170	274	86	58	24	612	170	2,307	11,864
Pipeline	2,788	43	2,831	158	816	86	2,103	3,163	380	1,292	465	1,203	12	3,352	113	743	10,202
Total	8,221	208	8,429	268	5,338	776	3,216	9,598	906	5,044	2,918	1,294	50	10,212	545	6,939	35,723
Ethane (incl. ethylene)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LRG:																	
For fuel use	677	9	686	0	1,339	32	417	1,788	268	1,168	887	9	18	2,350	292	1,023	6,139
For chemical use	78	0	78	3	126	0	3	132	0	17	1	0	0	18	3	0	231
Total	755	9	764	3	1,465	32	420	1,920	268	1,185	888	9	18	2,368	295	1,023	6,370
Kerosene:																	
Refinery	127	109	236	37	682	22	314	1,055	47	1,210	565	25	40	1,887	70	123	3,371
Bulk Terminal	4,061	332	4,393	219	1,254	62	253	1,788	14	333	31	13	0	391	34	88	6,694
Pipeline	654	17	671	57	251	2	21	331	13	20	220	247	0	500	0	1	1,503
Total	4,842	458	5,300	313	2,187	86	588	3,174	74	1,563	816	285	40	2,778	104	212	11,568
Distillate fuel oil:																	
Refinery	7,874	520	8,394	77	9,545	2,372	5,814	17,808	1,237	11,824	6,504	1,746	159	21,470	2,101	6,209	55,982
Bulk terminal	69,586	3,339	72,925	1,962	17,229	5,562	5,300	30,053	1,521	3,059	2,048	1,405	123	8,156	773	5,933	117,840
Pipeline	8,642	294	8,936	799	3,034	1,418	5,389	10,640	1,702	1,823	2,219	4,341	86	10,171	559	985	31,291
Total	86,102	4,153	90,255	2,838	29,808	9,352	16,503	58,501	4,460	16,706	10,771	7,492	368	39,797	3,433	13,127	[1]205,113
Residual fuel oil:																	
Refinery	5,503	249	5,752	80	3,818	560	956	5,414	432	9,957	4,203	496	184	15,272	841	9,847	37,126
Bulk terminal	37,845	442	38,287	363	1,951	238	1,179	3,731	32	3,806	4,267	320	0	8,425	0	2,775	[2]53,218
Total	43,348	691	44,039	443	5,769	798	2,135	9,145	464	13,763	8,470	816	184	23,697	841	12,622	[2]90,344
Petrochemical feedstocks:																	
Naphtha-400°	115	0	115	0	56	0	110	166	172	2,224	432	37	0	2,865	2	357	3,505
Other	1	77	78	0	107	0	25	132	204	1,620	307	45	0	2,176	0	57	2,443
Total	116	77	193	0	163	0	135	298	376	3,844	739	82	0	5,041	2	414	5,948
Special naphthas:																	
Refinery	69	38	107	1	277	0	171	449	82	1,320	176	167	0	1,745	13	511	2,825
Bulk terminal	1,254	17	1,271	140	376	67	133	716	0	0	10	27	0	37	0	80	2,104
Total	1,323	55	1,378	141	653	67	304	1,165	82	1,320	186	194	0	1,782	13	591	4,929
Lube oil:																	
Bright stock	219	429	648	0	56	0	77	133	0	236	42	0	0	278	2	40	1,101
Neutral	848	574	1,422	0	697	0	516	1,213	0	1,299	1,004	91	0	2,394	74	412	5,515
Other grades	1,939	210	2,149	28	678	28	214	948	48	2,271	463	165	12	2,959	12	799	6,867
Total	3,006	1,213	4,219	28	1,431	28	807	2,294	48	3,806	1,509	256	12	5,631	88	1,251	[3]13,483
Wax	17	90	107	0	20	0	22	42	28	214	118	0	0	360	4	29	[4]542
Coke	1,044	0	1,044	0	552	67	167	786	7	256	458	38	0	759	515	1,182	4,286
Asphalt	4,148	584	4,732	496	3,698	1,410	1,618	7,222	644	498	797	923	289	3,151	1,641	2,083	[3]18,829
Road oil	0	0	0	0	208	0	8	216	0	0	0	2	0	2	7	30	255
Miscellaneous	221	54	275	1	98	14	451	564	66	464	363	72	0	965	0	314	[3]2,118
Unfinished oils	13,927	1,684	15,611	387	17,015	568	7,479	25,449	2,888	29,312	18,320	912	154	51,586	2,769	28,634	124,049
Refined products, total	234,197	14,428	248,625	8,412	113,621	21,622	55,750	199,405	20,068	110,236	67,672	24,650	2,422	225,048	19,283	101,515	793,876

[1] Includes No. 4 fuel oil: PAD District I, 2,010; PAD District II, 87; PAD District III, 981; PAD District IV, 6; PAD District V, 322.
[2] Includes pipeline stocks: PAD District V, 59.
[3] Includes bulk terminal stocks: Lubes, 2,752; Asphalt, 5,448; and Miscellaneous, 100.
[4] Includes microcrystalline, 111 ; crystalline-fully refined, 245 ; and crystalline-other, 186.
Note: Bulk terminal storage facilities

Table 12. Transportation of Petroleum Products by Pipeline
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
Turned into lines:					
Gasoline:					
Motor	176,704	169,969	186,544	2,123,500	2,202,646
Aviation	367	330	194	4,160	4,260
Total	177,071	170,299	186,738	2,127,660	2,206,906
Jet fuel:					
Naphtha-type	3,581	3,056	3,269	41,337	42,596
Kerosene-type	26,968	27,639	28,844	332,335	347,227
Total	30,549	30,695	32,113	373,672	389,823
Kerosene	3,032	2,636	2,766	27,532	31,431
Distillate fuel oil	74,348	67,552	79,370	706,522	866,196
Residual fuel oil	104	165	253	1,671	2,798
Natural gas liquids	53,643	51,502	64,914	626,493	681,442
Other products	204	228	578	4,810	1,025
Delivered from lines:					
Gasoline:					
Motor	176,196	165,797	183,599	2,121,768	2,206,687
Aviation	338	311	239	3,991	4,096
Total	176,534	166,108	183,838	2,125,759	2,210,783
Jet fuel:					
Naphtha-type	3,617	3,053	3,237	41,266	42,530
Kerosene-type	26,934	27,368	28,410	327,753	339,740
Total	30,551	30,421	31,647	369,019	382,270
Kerosene	2,712	2,594	2,738	26,821	29,954
Distillate fuel oil	76,076	66,753	80,322	771,606	865,885
Residual fuel oil	143	167	254	1,696	2,828
Natural gas liquids	54,089	52,087	64,453	624,887	684,803
Other products	188	201	416	4,668	862
Shortage (or overage):					
Gasoline:					
Motor	212	292	208	(4,048)	(4,924)
Aviation	11	21	21	135	151
Total	223	313	229	(3,913)	(4,773)
Jet fuel:					
Naphtha-type	(42)	62	72	41	83
Kerosene-type	134	52	149	3,570	4,222
Total	92	114	221	3,611	4,305
Kerosene	147	82	112	1,187	(1,146)
Distillate fuel oil	106	(335)	(119)	1,709	(1,692)
Residual fuel oil	0	(12)	1	(55)	(43)
Natural gas liquids	471	71	189	3,318	2,518
Other products	1	0	1	5	2
Stocks in lines and working tanks at end of month:					
Gasoline:					
Motor	58,234	57,938	52,244	58,234	52,244
Aviation	67	49	33	67	33
Total	58,301	57,987	52,277	58,301	52,277
Jet fuel:					
Naphtha-type	1,225	1,219	1,087	1,225	1,087
Kerosene-type	10,202	10,302	9,188	10,202	9,188
Total	11,427	11,521	10,275	11,427	10,275
Kerosene	1,503	1,330	1,979	1,503	1,979
Distillate fuel oil	31,291	33,125	34,498	31,291	34,498
Residual fuel oil	59	98	13	59	13
Natural gas liquids	33,731	34,648	35,552	33,731	35,552
Other products	19	4	161	19	161

Source: Form EIA-89.

Table 13. Movements of Petroleum Products by Pipeline between PAD Districts
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
From PAD District 1 to PAD District 2:					
Gasoline:					
Motor	4,453	4,427	4,361	52,764	55,046
Aviation	9	4	8	64	75
Total	4,462	4,431	4,369	52,828	55,121
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	227	144	223	2,180	2,290
Total	227	144	223	2,180	2,290
Kerosene	30	42	58	308	367
Distillate fuel oil	1,354	1,459	1,455	16,520	17,203
From PAD District 2 to PAD District 1:					
Gasoline:					
Motor	1,117	1,005	1,119	10,887	10,899
Total	1,117	1,005	1,119	10,887	10,899
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	9	54	192
Distillate fuel oil	265	435	175	2,708	2,267
Natural gas liquids	796	593	2,790	10,980	15,741
From PAD District 2 to PAD District 3:					
Gasoline:					
Motor	1,550	1,608	1,599	19,341	16,791
Total	1,550	1,608	1,599	19,341	16,791
Jet fuel:					
Naphtha-type	30	24	60	561	677
Kerosene-type	17	15	44	519	289
Total	47	39	104	1,080	966
Distillate fuel oil	511	362	427	4,785	5,123
Natural gas liquids	2,006	1,895	2,125	24,372	23,150
From PAD District 2 to PAD District 4:					
Gasoline:					
Motor	1,479	1,469	1,643	17,614	17,568
Aviation	16	17	7	210	283
Total	1,495	1,486	1,650	17,824	17,851
Jet fuel:					
Kerosene-type	512	541	532	5,272	5,456
Total	512	541	532	5,272	5,456
Kerosene	0	0	0	8	0
Distillate fuel oil	247	284	201	3,281	3,147
Natural gas liquids	235	200	294	1,841	1,813
From PAD District 3 to PAD District 1:					
Gasoline:					
Motor	41,475	33,505	36,533	460,169	437,401
Aviation	26	19	27	225	283
Total	41,501	33,524	36,560	460,394	437,684
Jet fuel:					
Naphtha-type	120	101	76	1,501	1,427
Kerosene-type	5,717	4,915	5,451	62,099	63,984
Total	5,837	5,016	5,527	63,600	65,411
Kerosene	891	767	1,091	7,645	10,066
Distillate fuel oil	18,623	15,240	19,044	191,435	204,357
Natural gas liquids	2,501	1,567	2,429	18,955	22,289
From PAD District 3 to PAD District 2:					
Gasoline:					
Motor	7,840	6,369	6,453	70,610	76,011
Aviation	83	98	30	620	1,471
Total	7,923	6,467	6,483	71,230	77,482
Jet fuel:					
Naphtha-type	1	3	0	10	8
Kerosene-type	1,443	1,293	1,352	14,705	15,754
Total	1,444	1,296	1,352	14,715	15,762
Kerosene	87	1	78	799	1,905
Distillate fuel oil	2,472	3,394	2,209	22,131	31,820
Natural gas liquids	7,336	6,564	5,014	74,061	77,745
From PAD District 3 to PAD District 4:					
Gasoline:					
Motor	0	0	0	0	0
Aviation	0	0	0	0	0
Total	0	0	0	0	0
Jet fuel:					
Kerosene-type	0	0	0	0	0
Total	0	0	0	0	0
Kerosene	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Natural gas liquids	0	0	0	0	0
From PAD District 3 to PAD District 5:					
Gasoline:					
Motor	945	893	1,034	10,329	10,376
Total	945	893	1,034	10,329	10,376
Jet fuel:					
Naphtha-type	101	88	95	1,131	1,291
Kerosene-type	71	78	108	1,147	1,098
Total	172	166	203	2,278	2,389
Distillate fuel oil	385	393	375	4,392	4,798
From PAD District 4 to PAD District 2:					
Gasoline:					
Motor	442	379	464	5,049	5,487
Total	442	379	464	5,049	5,487
Jet fuel:					
Naphtha-type	17	12	30	138	272
Kerosene-type	10	6	10	94	94
Total	27	18	40	232	366
Kerosene	0	0	0	0	0
Distillate fuel oil	333	276	313	3,693	3,709
Natural gas liquids	391	381	424	5,270	4,924
From PAD District 4 to PAD District 3:					
Natural gas liquids	0	0	0	0	0
From PAD District 4 to PAD District 5:					
Gasoline:					
Motor	561	505	800	7,281	8,967
Total	561	505	800	7,281	8,967
Jet fuel:					
Naphtha-type	51	70	76	840	904
Kerosene-type	19	72	75	659	797
Total	70	142	151	1,499	1,701
Distillate fuel oil	146	154	85	2,206	2,660

Source: Form EIA-89.

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
PAD District I to PAD District II:					
Crude oil	0	0	0	1,194	0
Unfinished oils	30	8	22	193	161
Gasoline:					
Motor	1,340	1,373	1,529	16,811	12,496
Aviation	0	0	0	0	0
Total	1,340	1,373	1,529	16,811	12,496
Special naphthas	0	0	0	8	24
Jet fuel:					
Naphtha-type	158	98	139	1,305	558
Kerosene-type	168	98	201	1,682	1,507
Total	326	196	340	2,987	2,065
Kerosene	106	62	89	656	574
Distillate fuel oil	389	414	941	5,695	4,735
Residual fuel oil	0	0	6	20	228
Lubricating oil	45	10	0	146	136
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	116
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	56	18	58	322	428
Other products	30	16	0	46	38
Total	2,322	2,097	2,985	28,078	21,001
PAD District I to PAD District III:					
Crude oil	0	0	134	3,087	4,048
Unfinished oils	231	0	211	2,127	5,325
Gasoline:					
Motor	298	680	40	1,793	1,670
Aviation	0	0	0	0	0
Total	298	680	40	1,793	1,670
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	277	72
Kerosene-type	0	0	0	0	0
Total	0	0	0	277	72
Kerosene	0	0	0	0	0
Distillate fuel oil	14	256	0	1,032	292
Residual fuel oil	0	0	115	233	453
Lubricating oil	69	55	0	2,090	612
Wax	10	0	0	49	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	71	0	0	711	61
Other products	32	49	0	437	518
Total	725	1,040	500	11,836	13,051
PAD District II to PAD District I:					
Crude oil	21	62	136	1,025	146
Unfinished oils	25	0	0	114	172
Gasoline:					
Motor	22	9	165	900	1,928
Aviation	0	0	0	0	0
Total	22	9	165	900	1,928
Special naphthas	8	0	0	33	55
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	33	45	0	388	91
Total	33	45	0	388	91
Kerosene	0	0	0	0	11
Distillate fuel oil	21	0	132	411	1,349
Residual fuel oil	111	80	331	1,492	2,648
Lubricating oil	44	24	7	383	397
Wax	0	0	0	16	0
Asphalt and road oil	0	43	0	250	979
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	8	8	0	153	17
Other products	0	0	0	9	33
Total	293	271	771	5,174	7,826
PAD District II to PAD District III:					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	541	1,657	2,652
Gasoline:					
Motor	124	35	0	1,616	187
Aviation	0	0	0	32	0
Total	124	35	0	1,648	187
Special naphthas	0	0	0	0	0
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	34	0
Total	0	0	0	34	0
Kerosene	0	0	0	0	0
Distillate fuel oil	153	16	0	2,608	904
Residual fuel oil	1,110	681	585	9,678	1,037
Lubricating oil	0	0	45	64	191
Wax	19	0	0	28	0
Asphalt and road oil	0	0	0	0	13
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	22	9	155	477	283
Other products	0	8	0	386	32
Total	1,428	749	1,326	16,580	5,299

Table 14. Interdistrict Movements by Tanker and Barge of Crude Oil and Petroleum Products - Continued
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December(Incl.)	
				1980	1979
PAD District III to PAD District I:[1]					
Crude oil	717	836	634	7,427	8,175
Unfinished oils	182	220	510	4,359	4,017
Gasoline:					
Motor	10,931	10,418	14,389	138,890	174,445
Aviation	230	210	75	2,823	3,365
Total	11,161	10,628	14,464	141,713	177,810
Special naphthas	462	389	301	4,889	4,969
Jet fuel:					
Naphtha-type	669	726	291	7,682	4,577
Kerosene-type	3,679	3,092	3,964	38,912	36,897
Total	4,348	3,818	4,255	46,594	41,474
Kerosene	603	279	441	3,823	5,595
Distillate fuel oil	5,059	4,263	6,024	58,752	79,816
Residual fuel oil	7,584	4,738	7,161	76,769	45,290
Lubricating oil	770	737	787	10,683	10,774
Wax	8	20	12	203	193
Asphalt and road oil	240	412	260	3,992	3,838
Liquefied gases	81	131	1	621	465
Petrochemical feedstocks	285	571	319	2,355	1,761
Other products	865	763	1,058	6,201	7,236
Total	32,365	27,805	36,227	368,381	391,413
PAD District III to PAD District II:					
Crude oil	1,094	1,254	381	13,338	5,106
Unfinished oils	107	236	207	1,110	705
Gasoline:					
Motor	1,006	2,820	1,465	18,488	19,254
Aviation	36	70	0	793	443
Total	1,042	2,890	1,465	19,281	19,697
Special naphthas	138	174	185	1,885	2,066
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	333	218	173	2,272	2,741
Total	333	218	173	2,272	2,741
Kerosene	0	44	50	504	580
Distillate fuel oil	328	1,318	293	5,518	5,630
Residual fuel oil	108	1,408	496	5,787	8,282
Lubricating oil	364	339	171	3,829	3,770
Wax	0	0	0	76	0
Asphalt and road oil	295	320	315	3,373	4,755
Liquefied gases	0	11	0	51	207
Petrochemical feedstocks	88	66	43	770	714
Other products	58	47	54	544	366
Total	3,955	8,325	3,833	58,338	54,619
PAD District III to PAD District V:					
Crude oil	0	0	0	0	0
Unfinished oils	211	437	0	1,784	1,569
Gasoline:					
Motor	0	43	0	677	1,067
Aviation	0	0	0	51	38
Total	0	43	0	728	1,105
Special naphthas	0	0	0	10	0
Jet fuel:					
Naphtha-type	0	0	0	487	146
Kerosene-type	0	15	83	750	1,666
Total	0	15	83	1,237	1,812
Kerosene	0	0	0	76	23
Distillate fuel oil	0	0	0	34	824
Residual fuel oil	0	0	0	332	294
Lubricating oil	174	217	91	2,056	1,597
Wax	0	0	0	0	9
Petrochemical feedstocks	0	0	0	46	18
Other products	0	13	0	53	19
Total	385	725	174	6,356	7,270
PAD District V to PAD District I:					
Crude oil	3,532	2,214	2,696	31,395	17,449
Gasoline:					
Motor	368	0	0	619	0
Aviation	0	0	0	0	0
Total	368	0	0	619	0
Special naphthas	0	0	0	0	0
Distillate fuel oil	0	0	0	20	0
Residual fuel oil	312	144	355	1,461	355
Lubricating oil	0	0	0	34	28
Other products	21	0	0	34	10
Total	4,233	2,358	3,051	33,563	17,842
PAD District V to PAD District III:					
Crude oil	7,837	6,020	5,597	99,899	47,955
Motor gasoline	0	0	74	0	178
Kerosene-type jet fuel	0	0	0	0	0
Distillate fuel oil	0	0	0	0	0
Residual fuel oil	0	45	0	249	0
Wax	0	0	0	0	0
Lubricating oil	20	47	8	570	489
Unfinished oils	0	145	66	1,531	614
Other products	0	40	0	222	313
Total	7,857	6,297	5,745	102,471	49,549

[1] Breakdown by region shown in Table 15.
Source: Form EIA-170.

Table 15. Tanker and Barge Movements of Crude Oil and Petroleum Products from the Gulf Coast to the East Coast, by Region
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
To New England:[1]					
Crude oil	0	0	0	0	0
Unfinished oils	0	0	0	190	0
Gasoline:					
Motor	945	1,061	2,185	14,018	27,483
Aviation	15	11	0	270	309
Total	960	1,072	2,185	14,288	27,792
Special naphthas	52	54	27	504	517
Jet fuel:					
Naphtha-type	38	44	0	349	239
Kerosene-type	295	135	418	4,229	6,408
Total	333	179	418	4,578	6,647
Kerosene	379	111	194	1,661	1,863
Distillate fuel oil	1,901	990	2,666	16,224	25,865
Residual fuel oil	953	483	621	10,496	2,399
Lubricating oil	0	0	0	802	372
Wax	0	0	0	0	0
Asphalt and road oil	0	0	0	0	0
Liquefied gases	0	0	0	0	0
Petrochemical feedstocks	0	0	0	0	0
Other products	0	0	0	106	81
Total	4,578	2,889	6,111	48,849	65,536
To Central Atlantic:[2]					
Crude oil	717	786	634	7,009	8,175
Unfinished oils	81	133	252	2,259	2,983
Gasoline:					
Motor	142	718	810	9,266	22,651
Aviation	52	48	0	625	764
Total	194	766	810	9,891	23,415
Special naphthas	346	197	172	3,241	2,822
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	597	371	1,089	4,963	5,651
Total	597	371	1,089	4,963	5,651
Kerosene	149	90	134	1,261	2,311
Distillate fuel oil	731	911	976	11,479	23,955
Residual fuel oil	2,796	2,236	2,817	20,444	15,240
Lubricating oil	572	584	508	7,382	7,671
Wax	8	20	12	203	193
Asphalt and road oil	0	14	0	175	265
Liquefied gases	0	0	0	0	207
Petrochemical feedstocks	276	568	225	2,182	1,298
Other products	801	595	919	4,177	5,935
Total	7,268	7,271	8,548	74,666	100,121
To Lower Atlantic:[3]					
Crude oil	0	50	0	418	0
Unfinished oils	101	87	258	1,910	1,034
Gasoline:					
Motor	9,844	8,639	11,394	115,606	124,311
Aviation	163	151	75	1,928	2,292
Total	10,007	8,790	11,469	117,534	126,603
Special naphthas	64	138	102	1,144	1,630
Jet fuel:					
Naphtha-type	631	682	291	7,014	4,338
Kerosene-type	2,787	2,586	2,457	30,039	24,838
Total	3,418	3,268	2,748	37,053	29,176
Kerosene	75	78	113	901	1,421
Distillate fuel oil	2,427	2,362	2,382	31,049	29,996
Residual fuel oil	3,835	2,019	3,723	45,829	27,651
Lubricating oil	198	153	279	2,499	2,731
Wax	0	0	0	0	0
Asphalt and road oil	240	398	260	3,817	3,573
Liquefied gases	81	131	1	621	258
Petrochemical feedstocks	9	3	94	173	463
Other products	64	168	139	1,918	1,220
Total	20,519	17,645	21,568	244,866	225,756

[1] New England includes: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

[2] Central Atlantic includes: Delaware, District of Columbia, Maryland, New Jersey, and Pennsylvania.

[3] Lower Atlantic includes: Florida, Georgia, North Carolina, South Carolina, Virginia, and West Virginia.

Source: Form EIA-170.

Table 16. Imports of Foreign Crude Oil
(Thousand Barrels)

PAD District and Country of Origin	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
All PAD Districts:					
Algeria	11,371	13,868	18,534	165,371	222,042
Angola	694	707	1,215	13,091	14,088
Bolivia	0	0	0	301	328
Brazil	0	0	0	370	0
Brunei	0	0	0	348	2,451
Cameroon	2,063	477	363	11,967	5,771
Canada [1]	6,237	5,418	9,665	73,004	99,081
Congo (Brazzaville)	0	0	0	2,273	909
Ecuador	1,158	0	0	5,765	11,010
Egypt	223	218	1,540	11,250	20,205
Gabon	898	738	1,465	9,065	15,328
Ghana	0	0	0	300	204
Guatemala	141	0	0	782	0
Indonesia	7,023	9,662	11,079	112,302	138,528
Iran	0	0	12,829	2,625	108,269
Iraq	9	0	1,871	10,119	32,052
Kuwait	0	694	0	7,182	1,898
Liberia	0	303	0	303	0
Libya	19,873	14,991	16,815	199,782	234,173
Malaysia	1,388	2,071	1,468	22,213	18,954
Mexico	11,828	13,295	13,984	184,326	159,616
Netherlands		22	343	426	2,685
Nigeria	29,532	17,631	32,326	304,090	390,116
Norway	3,024	5,323	2,997	51,718	27,523
Oman	301	314	1,299	7,747	13,466
People's Republic of China	0	0	764	0	4,874
Peru	776	1,484	835	13,795	14,746
Qatar	591	275	0	7,920	11,450
Romania	0	0	0	0	111
Saudi Arabia	40,090	36,043	39,079	456,475	491,514
Spain	0	0	0	299	0
Syria	0	0	217	787	3,891
Trinidad	3,593	3,560	3,935	42,007	44,950
Tunisia	400	0	482	2,328	6,429
United Arab Emirates	2,560	3,150	7,487	65,553	102,709
United Kingdom	6,160	4,522	7,722	63,614	71,923
Venezuela	5,860	4,918	7,547	56,491	106,794
Yugoslavia	0	0	0	0	74
Zaire	635	297	0	4,691	1,379
Total[1]	[2]156,428	139,981	195,861	[2]1,910,680	2,379,541
To PAD District I:					
Algeria	4,612	3,572	6,307	52,761	70,912
Angola	694	707	803	4,452	3,909
Brazil	0	0	0	370	0
Brunei	0	0	0	0	0
Cameroon	718	280	0	2,442	367
Canada	261	32	908	2,494	3,910
Ecuador	600	0	0	983	2,524
Egypt	223	218	774	6,136	9,756
Gabon	451	525	1,111	6,281	13,576
Indonesia	1,603	982	1,628	11,873	11,734
Iran	0	0	3,111	0	33,575
Iraq	0	0	0	0	3,213
Kuwait	0	694	0	4,494	357
Libya	3,651	3,715	2,480	46,596	34,991
Malaysia	0	0	0	0	0
Mexico	1,000	894	1,566	17,815	6,005
Netherlands	0	0	0	403	0
Nigeria	6,084	3,634	6,769	70,770	102,117
Norway	632	1,514	140	11,842	3,442
Oman	301	314	713	3,400	3,998
Peru	0	1,083	0	5,018	1,648
Qatar	0	0	0	1,530	2,927
Romania	0	0	0	0	111
Saudi Arabia	11,472	8,922	6,390	137,252	123,820
Spain	0	0	0	299	0
Trinidad	401	452	376	5,571	3,767
Tunisia	0	0	482	198	2,700
United Arab Emirates	0	0	594	4,349	6,188
United Kingdom	1,448	1,957	2,493	17,355	15,643
Venezuela	2,792	2,430	4,117	29,148	60,262
Zaire	304	0	0	3,436	1,128
Total	37,247	31,925	40,762	447,268	522,580

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[1] Includes some Athabasca hydrocarbons.

[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 6,134; Year-to-date, 16,065.

Table 16. Imports of Foreign Crude Oil - Continued
(Thousand Barrels)

PAD District and Country of Origin	December 1980	November 1980	December 1979	January-December (Incl.) 1980	January-December (Incl.) 1979
To PAD District II:					
Algeria	4,700	4,348	5,498	47,972	51,962
Cameroon	799	197	363	6,458	3,439
Canada[1]	4,577	3,769	6,097	51,003	65,839
Ecuador	0	0	0	692	1,398
Egypt	0	0	0	525	561
Gabon	295	213	0	1,372	0
Ghana	0	0	0	50	204
Guatemala	141	0	0	658	0
Iran	0	0	3,718	1,890	35,153
Iraq	0	0		294	4,045
Libya	5,910	3,406	7,377	71,505	115,862
Mexico	3,846	3,642	5,135	57,968	47,797
Nigeria	7,279	5,250	9,037	68,749	70,360
Norway	526	1,509	2,499	16,504	16,451
Oman	0	0	586	4,164	8,365
Peru	380	0	411	2,998	5,967
Qatar	0	0	0	1,647	6,825
Saudi Arabia	2,885	2,676	6,515	32,278	65,631
Syria	0	0	0	0	715
Trinidad	942	952	908	12,358	9,003
Tunisia	0	0	0	900	1,949
United Arab Emirates	523	616	602	14,831	15,832
United Kingdom	435	198	2,004	17,560	21,615
Venezuela	464	460	732	4,290	7,868
Total[1]	33,702	27,236	51,482	416,666	556,861
To PAD District III:					
Algeria	2,059	5,948	6,729	63,603	96,631
Angola	0	0	412	7,206	9,476
Bolivia	0	0	0	301	328
Cameroon	546	0	0	3,067	1,965
Congo (Brazzaville)	0	0	0	2,273	909
Ecuador	558	0	0	3,834	7,088
Egypt	0	0	766	4,589	9,126
Gabon	152	0	354	1,412	1,752
Ghana	0	0	0	250	0
Guatemala	0	0	0	124	0
Indonesia	486	414	0	900	7,901
Iran	0	0	6,000	735	39,541
Iraq	9	0	1,871	9,825	24,794
Kuwait	0	0	0	2,688	1,541
Liberia	0	303	0	303	0
Libya	10,312	7,870	6,958	81,426	83,320
Malaysia	0	0	0	192	0
Mexico	6,982	8,759	7,283	108,543	105,814
Netherlands	0	22	343	23	2,685
Nigeria	16,169	8,747	16,219	162,834	217,338
Norway	1,866	2,300	358	23,057	7,630
Oman	0	0	0	183	1,103
Peru	396	401	424	5,170	4,986
Qatar	591	275	0	4,743	1,698
Saudi Arabia	25,387	24,224	26,174	284,542	296,143
Syria	0	0	217	787	3,176
Trinidad	2,250	2,156	2,651	24,078	32,180
Tunisia	400	0	0	1,230	1,780
United Arab Emirates	1,574	1,347	4,849	32,795	56,581
United Kingdom	4,277	2,367	3,225	28,699	34,321
Venezuela	2,604	1,823	1,730	19,529	33,617
Yugoslavia	0	0	0	0	74
Zaire	331	297	0	1,255	251
Total	[2]76,949	67,253	86,563	[2]880,196	1,083,749
To PAD District IV:					
Algeria	0	0	0	0	2,537
Canada	937	1,045	1,843	12,009	19,862
Indonesia	0	0	0	0	360
Libya	0	0	0	255	0
Nigeria	0	0	0	113	0
Saudi Arabia	0	0	0	26	553
United Kingdom	0	0	0	0	344
Total	937	1,045	1,843	12,403	23,656
To PAD District V:[3]					
Algeria	0	0	0	1,035	0
Angola	0	0	0	1,433	703
Brunei	0	0	0	348	2,451
Canada	462	572	817	7,498	9,450
Ecuador	0	0	0	256	0
Egypt	0	0	0	0	762
Indonesia	4,934	8,266	9,451	99,529	118,533
Malaysia	1,388	2,071	1,468	22,021	18,954
Nigeria	0	0	301	1,624	301
Norway	0	0	0	315	0
People's Republic of China	0	0	764	0	4,874
Peru	0	0	0	609	2,145
Saudi Arabia	346	221	0	2,377	5,367
United Arab Emirates	463	1,187	1,442	13,578	24,108
Venezuela	0	205	968	3,524	5,047
Total	7,593	12,522	15,211	154,147	192,695

[1] Includes some Athabasca hydrocarbons.
[2] Includes crude oil imported into the Strategic Petroleum Reserve: Current month, 6,134; Year-to-date, 16,065.
[3] Excludes crude oil delivered into foreign trade zone.
Source: Form ERA-60.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.) 1980	January-December (Incl.) 1979
All PAD Districts:					
Motor gasoline:					
Receipts from Puerto Rico	1,119	1,191	1,455	10,805	13,868
Other	[1]2,644	2,602	6,707	40,266	52,131
Total	3,763	3,793	8,162	51,071	65,999
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	7
Total	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	164	0	164
Other	[1]839	799	991	11,257	8,009
Total	839	799	1,155	11,257	8,173
Kerosene-type jet fuel:					
Bonded aircraft fuel	75	230	519	4,367	3,950
Receipts from Puerto Rico	81	0	48	294	301
Other	876	954	1,628	13,603	16,142
Total	1,032	1,184	2,195	18,264	20,393
Ethane	1,500	1,462	1,359	19,251	16,687
Liquefied petroleum gases	7,473	5,471	6,641	56,711	62,576
Kerosene:					
Receipts from Puerto Rico	32	22	24	80	464
Other	983	0	645	3,610	2,834
Total	1,015	22	669	3,690	3,298
Distillate fuel oil:					
Bonded ships bunkers	3	17	0	290	60
For military offshore use	69	219	550	1,573	2,073
Receipts from Puerto Rico	1,348	695	855	7,194	7,859
No. 2 fuel oil	[2]3,586	3,063	5,439	40,707	55,605
No. 4 fuel oil	153	0	265	1,016	4,892
Total	5,159	3,994	7,109	50,780	70,489
Residual fuel oil:					
Bonded ships bunkers	0	0	0	6	5
For military offshore use	0	0	100	705	468
Receipts from Puerto Rico	0	357	0	1,958	1,897
Other	[1]31,787	30,373	39,510	333,910	417,774
Total	31,787	30,730	39,610	336,579	420,144
Petrochemical feedstocks:					
Receipts from Puerto Rico	200	155	264	1,867	2,195
Other	1,376	1,247	82	8,378	1,739
Total	1,576	1,402	346	10,245	3,934
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	671	811	23	3,293	3,480
Total	671	811	23	3,354	3,480
Lubricants	292	122	244	2,667	3,411
Wax	0	0	0	0	0
Asphalt	83	141	46	1,414	1,448
Miscellaneous	18	257	507	825	786
Total	55,208	50,188	68,066	566,108	680,825
PAD District I:					
Motor gasoline:					
Receipts from Puerto Rico	1,030	1,191	1,207	9,401	11,928
Other	2,140	2,132	6,109	31,302	42,787
Total	3,170	3,323	7,316	40,703	54,715
Aviation gasoline:					
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	0	0
Total	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	164	0	164
Other	666	647	650	9,325	4,817
Total	666	647	814	9,325	4,981
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	13	150	1,511	1,572
Receipts from Puerto Rico	81	0	48	294	301
Other	780	899	920	7,744	7,498
Total	861	912	1,118	9,549	9,371
Ethane	0	1	0	3	2
Liquefied petroleum gases	797	513	569	7,352	9,092
Kerosene:					
Receipts from Puerto Rico	32	22	24	80	464
Other	983	0	645	3,610	2,834
Total	1,015	22	669	3,690	3,298
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	220	7
For military offshore use	0	0	302	805	684
Receipts from Puerto Rico	1,348	695	855	6,975	7,859
No. 2 fuel oil	3,497	2,984	5,153	38,427	51,850
No. 4 fuel oil	153	0	265	1,016	3,691
Total	4,998	3,679	6,575	47,443	64,091
Residual fuel oil:					
Bonded ships bunkers	0	0	0	6	5
For military offshore use	0	0	100	705	468
Receipts from Puerto Rico	0	357	0	1,958	1,897
Other	29,786	28,535	36,769	308,325	390,491
Total	29,786	28,892	36,869	310,994	392,861
Petrochemical feedstocks:					
Receipts from Puerto Rico	126	155	139	999	1,160
Other	622	400	37	4,029	568
Total	748	555	176	5,028	1,728
Special naphthas	90	21	0	274	851
Lubricants	204	121	194	1,999	2,669
Wax	0	0	0	0	0
Asphalt	83	141	46	1,414	1,448
Miscellaneous	1	250	503	498	651
Total	42,419	39,077	54,849	438,272	545,758
PAD District II:					
Motor gasoline	113	96	188	1,217	1,145
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	40	132	84
Total	0	0	40	132	84
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	0	0	0	91	0
Total	0	0	0	91	0
Ethane	1,500	1,461	1,359	19,248	16,685
Liquefied petroleum gases	4,305	3,874	4,051	32,890	35,485
Kerosene	0	0	0	0	0
Distillate fuel oil:					
No. 2 fuel oil	0	0	0	0	70
No. 4 fuel oil	0	0	0	0	0
Total	0	0	0	0	70
Residual fuel oil	680	912	1,135	10,439	14,267
Petrochemical feedstocks	0	0	2	118	503
Special naphthas	131	77	23	1,000	292
Lubricants	1	1	0	16	47
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	17	7	4	168	85
Total	6,747	6,428	6,802	65,319	68,663

[1] Includes receipts from the Virgin Islands: District I: Motor gasoline, 1,930; Naphtha-type jet fuel, 666; Distillate No. 2 fuel oil, 2,741; Residual fuel oil, 5,372.

[2] Includes crude oil for direct burning as fuel: Current month, 127.

Table 17. Imports of Finished Petroleum Products Including Receipts from Puerto Rico, the Virgin Islands, and Guam by PAD District - Continued
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December(Incl.) 1980	January-December(Incl.) 1979
PAD District III:					
Motor gasoline:					
Receipts from Puerto Rico	0	0	248	508	1,739
Other	0	0	33	2,199	2,520
Total	0	0	281	2,707	4,259
Aviation gasoline	0	0	0	0	7
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	0	0	212
Total	0	0	0	0	212
Kerosene-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	0	0	25	1,303	683
Total	0	0	25	1,303	683
Liquefied petroleum gases	1,126	144	1,073	7,166	8,408
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	219	0
No. 2 fuel oil	0	0	206	1,049	1,568
Total	0	0	206	1,268	1,568
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
Receipts from Puerto Rico	0	0	0	0	0
Other	768	392	300	6,485	2,044
Total	768	392	300	6,485	2,044
Petrochemical feedstocks:					
Receipts from Puerto Rico	74	0	125	868	1,035
Other	714	847	43	3,790	603
Total	788	847	168	4,658	1,638
Special naphthas:					
Receipts from Puerto Rico	0	0	0	61	0
Other	272	358	0	1,075	1,905
Total	272	358	0	1,136	1,905
Lubricants	87	0	50	455	386
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	108	25
Total	3,041	1,741	2,103	25,286	21,135
PAD District IV:					
Motor gasoline	51	39	33	166	192
Aviation gasoline	0	0	0	0	0
Liquefied petroleum gases	763	567	427	4,770	4,541
Distillate fuel oil	0	0	0	0	4
Residual fuel oil	0	0	0	0	0
Special naphthas	0	0	0	2	0
Lubricants	0	0	0	1	0
Total	814	606	460	4,939	4,737
PAD District V:					
Motor gasoline:					
Receipts from Puerto Rico	89	0	0	896	201
Other	340	335	344	5,382	5,487
Total	429	335	344	6,278	5,688
Aviation gasoline	0	0	0	0	0
Naphtha-type jet fuel:					
Bonded aircraft fuel	0	0	0	0	0
Other	173	152	301	1,800	2,896
Total	173	152	301	1,800	2,896
Kerosene-type jet fuel:					
Bonded aircraft fuel	75	217	369	2,856	2,378
Other	96	55	683	4,465	7,961
Total	171	272	1,052	7,321	10,339
Liquefied petroleum gases	482	373	521	4,533	5,050
Kerosene	0	0	0	0	0
Distillate fuel oil:					
Bonded ships bunkers	3	17	0	70	53
For military offshore use	69	219	248	768	1,389
No. 2 fuel oil	89	79	80	1,231	2,113
No. 4 fuel oil	0	0	0	0	1,201
Total	161	315	328	2,069	4,756
Residual fuel oil:					
Bonded ships bunkers	0	0	0	0	0
For military offshore use	0	0	0	0	0
Other	553	534	1,306	8,661	10,972
Total	553	534	1,306	8,661	10,972
Petrochemical feedstocks	40	0	0	441	65
Special naphthas	178	355	0	942	432
Lubricants	0	0	0	196	309
Wax	0	0	0	0	0
Asphalt	0	0	0	0	0
Miscellaneous	0	0	0	51	25
Total	2,187	2,336	3,852	32,292	40,532

Sources: Forms ERA-60, FEA-P133, and Bureau of Census publication IM 145.

Table 18. Imports of Plant Condensate and Unfinished Oils
(Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.) 1980	January-December (Incl.) 1979
Plant condensate:					
PAD District I	0	0	0	14	0
PAD District II	0	0	10	0	120
PAD District III	0	0	0	61	0
PAD District IV	284	241	348	3,225	3,533
PAD District V	20	18	105	481	1,096
Total	304	259	463	3,781	4,749
Unfinished oils:					
PAD District I	[1]381	1,073	1,377	11,162	7,945
PAD District II	1	1	1	217	338
PAD District III	271	235	921	5,855	7,687
PAD District IV	0	0	0	0	0
PAD District V	0	100	793	2,425	5,402
Total	653	1,409	3,092	19,659	21,372

[1] Includes receipts from Puerto Rico: 381.

Sources: Forms ERA-60 and FEA-P133.

Table 19. Crude Oil Input to Refineries and Refinery Receipts of Crude Oil by Origin of the Crude and Method of Transportation: December 1980
(Thousand Barrels)

State and District	Crude Oil Input to Refineries	Refinery Fuel Use and Losses	Refinery Receipts of Domestic Crude Oil								Refinery Receipts of Foreign Crude	
					Intrastate			Interstate				
			Total Receipts	Daily Average	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tank Cars and Trucks	Tankers and Barges	Pipelines	Tankers and Barges
PAD District I:												
Delaware, Maryland	4,118	0	0	0	0	0	0	0	0	0	0	3,940
Fla., Ca., Va., N.C.	2,396	0	3,734	121	0	0	26	0	79	0	0	3,001
New Jersey, Rhode Is.	18,731	0	0	0	0	0	0	0	0	2,263	0	15,766
New York, New Hamp.	2,912	0	70	2	0	0	0	1,621	0	266	639	662
Pennsylvania: East	14,783	0	0	0	0	0	0	0	0	2,118	0	13,168
West	2,358	0	278	9	202	76	0	598	434	88	843	0
West Virginia	630	0	534	17	219	1	0	232	65	96	0	0
Total	[1]45,928	0	4,616	149	421	77	26	2,451	578	4,831	1,482	36,537
PAD District II:												
Illinois	30,332	0	2,599	84	1,103	2	0	17,532	0	0	11,382	0
Indiana	14,082	0	186	6	185	1	0	10,431	31	69	3,210	163
Kansas	12,370	0	5,658	183	4,433	240	0	5,373	0	0	2,136	0
Kentucky, Tennessee	6,781	16	375	12	0	260	0	1,018	70	821	4,031	526
Michigan	3,459	36	3,040	98	2,084	139	0	1,013	0	0	64	0
Minnesota, Wisconsin	6,311	0	0	0	0	0	0	1,332	0	0	5,032	0
Misaouri, Nebraska	2,163	0	397	13	2	0	0	2,180	0	0	0	0
N. and S. Dakota	1,863	0	3,422	110	1,812	20	0	0	15	0	0	0
Ohio: East	1,558	0	1,252	40	77	0	0	548	0	0	832	0
West	[2]13,513	0	0	0	0	0	0	6,905	0	0	6,543	0
Oklahoma	15,341	17	13,995	451	7,310	612	0	5,393	0	0	1,423	643
Total	107,773	69	30,924	997	17,006	1,274	0	51,725	116	890	34,653	1,332
PAD District III:												
Alabama	3,486	20	2,206	71	1,780	56	63	545	58	0	373	542
Arkansas	1,479	0	1,318	43	998	85	0	183	0	0	205	0
Louisiana	59,240	87	41,352	1,334	19,898	1,209	5,700	3,957	174	3,349	612	22,946
Mississippi	10,603	0	2,748	89	1,304	141	0	2,206	5	488	2	6,319
New Mexico	2,668	0	5,902	190	1,608	694	0	506	23	0	0	0
Texas	105,344	21	82,844	2,672	50,457	2,053	1,297	7,143	0	4,828	1,566	33,974
Total	182,820	128	136,370	4,399	76,045	4,238	7,060	14,540	260	8,665	2,758	63,781
PAD District IV:												
Colorado	1,147	0	2,367	76	301	257	0	627	0	0	0	0
Montana	3,734	3	1,917	62	591	147	0	1,660	15	0	1,328	0
Utah	3,765	0	1,909	62	1,050	289	0	2,298	124	0	0	0
Wyoming	5,455	16	12,954	418	5,172	138	0	12	35	0	0	0
Total	14,101	19	19,147	618	7,114	831	0	4,597	174	0	1,328	0
PAD District V:												
California	58,332	13	29,755	960	24,662	2,250	1,861	202	0	23,388	0	5,748
Washington	9,986	0	0	0	0	0	0	0	0	5,881	462	3,402
Other States[3]	4,135	23	44,164	1,425	991	71	1,295	0	87	1,091	0	89
Total	72,453	36	73,919	2,385	25,653	2,321	3,156	202	87	30,360	462	9,239
United States, total	423,075	252	264,976	8,548	126,239	8,741	10,242	73,515	1,215	44,746	[4]40,683	110,889
Daily average	13,648	8	8,548	--	4,072	282	330	2,371	39	1,443	1,312	3,577

[1] Includes 26,632 in Delaware River Valley.
[2] Includes some Athabaaca hydrocarbons.
[3] Alaska, Arizona, Hawaii, Nevada, and Oregon.
[4] Excludes crude oil imported for direct burning for fuel use by pipeline.
Source: Form EIA-87.

Table 20. Refinery Receipts of Domestic Crude Oil, by States and Districts: December 1980
(Thousand Barrels)

Location of Refineries Receiving Crude Oil	Total Receipts of Domestic Crude Oil	Intrastate Receipts	Interstate Receipts from																		
				PAD District II						PAD District III					PAD District IV						
			PAD Dist. I, Total	Ill., Ind., Mich.	Kansas	Ky., Ohio, Tenn.	Nebr., N. & S. Dakota	Okla.	Total	Ala., Ark., Miss.	La.	New Mexico	Texas	Total	Colo.	Mont.	Utah	Wyo.	Total	PAD Dist. V, Total	United States Total
PAD District I:																					
Delaware, Maryland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fla., Ga., Va.	105	26	0	0	0	0	0	0	0	55	24	0	0	79	0	0	0	0	0	0	79
New Jersey	2,263	0	0	0	0	0	0	0	0	0	52	0	0	52	0	0	0	0	0	2,211	2,263
New York, New Hamp.	1,887	0	0	428	0	0	0	120	548	0	870	0	203	1,073	0	0	0	0	0	266	1,887
Pennsylvania: East	2,118	0	0	0	0	0	0	0	0	0	31	0	631	662	0	0	0	0	0	1,456	2,118
West	1,398	278	103	231	0	531	195	26	983	0	0	0	0	0	0	34	0	0	34	0	1,120
West Virginia	613	220	0	0	0	393	0	0	393	0	0	0	0	0	0	0	0	0	0	0	393
Total	8,384	524	103	659	0	924	195	146	1,924	55	977	0	834	1,866	0	34	0	0	34	3,933	7,860
PAD District II:																					
Illinois	18,637	1,105	791	0	298	0	230	1,413	1,941	63	1,377	2,975	8,423	12,838	55	237	0	399	691	1,271	17,532
Indiana	10,717	186	0	543	544	50	694	1,581	3,412	0	386	0	3,827	4,213	87	646	208	1,965	2,906	0	10,531
Kansas	10,046	4,673	0	0	0	0	0	2,055	2,055	0	0	0	1,757	1,757	148	123	0	720	991	570	5,373
Kentucky,Tennessee	2,169	260	208	475	0	286	0	0	761	0	911	0	0	911	0	0	0	29	29	0	1,909
Michigan	3,236	2,223	0	0	0	30	0	0	30	0	74	0	0	74	0	0	0	909	909	0	1,013
Minnesota, Wisconsin	1,332	0	0	0	0	0	852	4	856	0	0	0	0	0	0	124	0	0	124	352	1,332
Missouri, Nebraska	2,182	2	0	0	0	0	0	0	0	0	0	0	1,879	1,879	0	0	0	301	301	0	2,180
North Dakota	1,847	1,832	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0	15	0	15
Ohio: East	625	77	0	96	0	0	0	0	96	0	452	0	0	452	0	0	0	0	0	0	548
West	6,905	0	15	538	0	0	0	0	538	220	2,106	0	3,857	6,183	0	0	0	169	169	0	6,905
Oklahoma	13,315	7,922	0	0	0	0	0	0	0	0	0	50	5,327	5,377	0	0	0	0	0	16	5,393
Total	71,011	18,280	1,014	1,652	842	366	1,776	5,053	9,689	283	5,306	3,025	25,070	33,684	290	1,145	208	4,492	6,135	2,209	52,731
PAD District III:																					
Alabama	2,502	1,899	249	0	0	0	0	0	0	354	0	0	0	354	0	0	0	0	0	0	603
Arkansas	1,266	1,083	0	0	0	0	0	0	0	0	20	0	22	42	0	0	0	0	0	141	183
Louisiana	34,287	26,807	1,429	0	0	0	0	0	0	963	0	0	2,601	3,564	0	0	0	0	0	2,487	7,480
Mississippi	4,144	1,445	149	0	0	0	0	0	0	46	2,504	0	0	2,550	0	0	0	0	0	0	2,699
New Mexico	2,831	2,302	0	0	0	0	0	0	0	0	0	0	510	510	19	0	0	0	19	0	529
Texas	65,778	53,807	870	0	143	0	0	874	1,017	144	5,738	575	0	6,457	77	0	206	0	283	3,344	11,971
Total	110,808	87,343	2,697	0	143	0	0	874	1,017	1,507	8,262	575	3,133	13,477	96	0	206	0	302	5,972	23,465
PAD District IV:																					
Colorado	1,185	558	0	0	0	0	0	0	0	0	0	0	0	0	0	0	98	529	627	0	627
Montana	2,413	738	0	0	0	0	9	0	9	0	0	0	0	0	0	0	0	1,666	1,666	0	1,675
Utah	3,761	1,339	0	0	0	0	0	0	0	0	0	0	0	0	1,381	0	0	957	2,338	84	2,422
Wyoming	5,357	5,310	0	0	0	0	5	0	5	0	0	0	0	0	42	0	0	0	42	0	47
Total	12,716	7,945	0	0	0	0	14	0	14	0	0	0	0	0	1,423	0	98	3,152	4,673	84	4,771
PAD District V:																					
California	52,363	28,773	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23,590	23,590
Other States	9,416	2,357	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	58	7,001	7,059
Total	61,779	31,130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	58	0	58	30,591	30,649
United States, total	264,698	145,222	[1] 3,814	2,311	985	1,290	1,985	6,073	12,644	1,845	14,545	3,600	29,037	49,027	1,809	1,179	570	7,644	11,202	[2] 42,789	119.476
Daily average	8,539	4,685	123	75	32	42	64	196	408	60	469	116	937	1,582	58	38	18	247	361	1,380	3.854

[1] Florida, 3,708 ; New York, 70 ; Virginia, 0 ; Pennsylvania, 0 ; West Virginia, 36.
[2] Alaska, 41,723 ; Arizona, 0 ; California, 982 ; Nevada, 84.
Source: Form EIA-87.

Table 21. Production of Natural Gas Plant Liquids in the United States: December 1980
(Thousand Barrels)

PAD District and Refinery District	Liquefied Gases								Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Products	Total[2]
	Ethane	Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total				
PAD District I:												
East Coast	366	302	0	0	0	177	0	479	129	0	0	974
Appalachian No. 1	149	83	0	14	25	0	0	122	26	233	0	530
Total	515	385	0	14	25	177	0	601	155	233	0	1,504
PAD District II:												
Appalachian No. 2	0	0	0	0	0	0	0	0	0	0	0	0
Ind., Ill., etc.	413	612	0	42	92	0	0	746	81	725	2	1,967
Minn., Wisc., etc.	0	93	0	13	29	0	0	135	41	23	0	199
Okla., Kans., etc.	1,533	2,550	53	460	1,085	164	0	4,312	1,206	257	12	7,320
Total	1,946	3,255	53	515	1,206	164	0	5,193	1,328	1,005	14	9,486
PAD District III:												
Texas Inland	1,151	3,064	1,689	708	952	403	37	6,853	2,286	7,416	363	18,069
Texas Gulf	2,579	3,282	3,135	1,098	1,870	71	3	9,459	1,423	(10,365)	5	3,101
Louisiana Gulf	2,345	2,335	573	826	781	63	6	4,584	1,510	32	273	8,744
Ark., La. Inland, etc.	41	150	0	120	178	14	8	470	93	120	27	751
New Mexico	81	540	135	96	193	107	0	1,071	353	2,394	3	3,902
Total	6,197	9,371	5,532	2,848	3,974	658	54	22,437	5,665	(403)	671	34,567
PAD District IV, total	2	500	0	6	89	180	1	776	341	1,050	19	2,188
PAD District V, total	0	170	0	32	50	0	38	290	255	20	0	565
United States, total	8,660	13,681	5,585	3,415	5,344	1,179	93	29,297	7,744	1,905	704	48,310

[1] Quantity of natural gas processing plant output of unfractionated stream less input to fractionating facilities. Includes plant condensate. Input denoted by parenthesis.

[2] Includes net production of unfractionated stream.

Source: Form EIA-64.

Table 22. Stocks of Natural Gas Liquids at Plants, Terminals, Refineries, and Pipelines in the United States: December 31, 1980
(Thousand Barrels)

PAD District and Refinery District	Ethane	Liquefied Gases							Natural Gasoline & Iso-pentane	Unfrac-tionated Stream[1]	Other Prod-ucts	Total	Stocks of NGL at Refineries	
		Propane	Ethane-Propane Mix	Iso-butane	Normal Butane	Other Butanes	Butane-Propane Mix	Total					LPG	Other
PAD District I:														
East Coast	0	1,148	0	36	52	37	0	1,273	3	0	0	1,276	0	0
Appalachian No. 1	0	2,610	0	1	88	0	0	2,699	21	0	0	2,720	8	4
Total	0	3,758	0	37	140	37	0	3,972	24	0	0	3,996	8	4
PAD District II:														
Appalachian No. 2	0	63	0	0	0	0	0	63	15	0	0	78	243	0
Ind., Ill., etc.	22	3,256	0	487	1,118	1	1	4,863	13	103	2	5,003	104	14
Minn., Wisc., etc.	1,611	886	0	6	47	0	426	1,365	15	3	0	2,994	88	215
Okla., Kans., etc.	1,174	20,447	2,412	1,369	4,232	33	659	29,152	2,445	1,769	0	34,540	565	149
Total	2,807	24,652	2,412	1,862	5,397	34	1,086	35,443	2,488	1,875	2	42,615	1,000	378
PAD District III:														
Texas Inland	835	4,428	211	526	1,076	268	1,024	7,533	880	1,051	244	10,543	170	66
Texas Gulf	791	17,518	10,165	2,997	13,120	1,085	25	44,910	4,463	1,328	2	51,494	1,147	1,670
Louisiana Gulf	213	3,658	0	1,697	2,219	14	1,099	8,687	1,353	117	64	10,434	417	158
Ark., La. Inland, etc.	1	7,324	0	97	365	528	1	8,315	43	82	23	8,464	12	81
New Mexico	3	378	116	108	95	16	40	753	163	367	1	1,287	8	37
Total	1,843	33,306	10,492	5,425	16,875	1,911	2,189	70,198	6,902	2,945	334	82,222	1,754	2,012
PAD District IV, total	0	147	0	1	101	31	0	280	165	30	2	477	83	81
PAD District V, total	0	503	0	313	226	128	4	1,174	23	2	0	1,199	43	9
United States, total	4,650	62,366	12,904	7,638	22,739	2,141	3,279	111,067	9,602	4,852	338	130,509	2,888	2,484

[1] Includes plant condensate.

Sources: Forms EIA-64, EIA-87, and EIA-89.

Table 23. Refinery Input and Stocks of Natural Gas Plant Products and Refinery Output and Stocks of Liquefied Refinery Gases, by Product: December 1980
(Thousand Barrels)

Item	PAD District I			PAD District II					PAD District III						PAD Dist. IV	PAD Dist. V	
	East Coast	Appalachian #1	Total	Appalachian #2	Ind., Ill., etc.	Minn., Wisc., etc.	Okla., Kans., etc.	Total	Texas Inland	Texas Gulf	La. Gulf	Ark., La. Inland, etc.	New Mexico	Total	Other Rocky Mt.	West Coast	United States
Natural gas plant products:																	
Refinery input:																	
Propane	0	0	0	0	106	0	4	110	0	19	183	0	0	202	1	0	313
Butane:																	
Isobutane	20	5	25	56	614	27	467	1,164	196	664	922	96	17	1,895	57	166	3,307
Normal butane	0	38	38	91	1,025	255	676	2,047	288	804	815	51	13	1,971	10	316	4,382
Other	5	0	5	0	374	230	294	898	127	92	20	0	0	239	309	276	1,727
Total	25	43	68	147	2,013	512	1,437	4,109	611	1,560	1,757	147	30	4,105	376	758	9,416
Butane-propane mix	0	0	0	0	5	0	0	5	0	23	7	0	31	61	2	93	161
Natural gasoline	0	0	0	0	292	47	1,054	1,393	312	2,217	604	151	124	3,408	240	259	5,300
Unfractionated stream[1]	0	1	1	0	164	0	41	205	68	939	89	313	3	1,412	52	20	1,690
Total	25	44	69	147	2,580	559	2,536	5,822	991	4,758	2,640	611	188	9,188	671	1,130	16,880
*Stocks at refineries:																	
Propane	0	0	0	0	10	0	0	10	0	579	0	0	0	579	1	0	590
Butane:																	
Isobutane	0	3	3	13	56	27	243	339	101	291	173	12	5	582	30	32	986
Normal butane	0	5	5	230	36	43	289	598	67	277	217	0	0	561	1	11	1,176
Other	0	0	0	0	0	18	33	51	2	0	21	0	0	23	51	0	125
Total	0	8	8	243	92	88	565	988	170	568	411	12	5	1,166	82	43	2,287
Butane-propane mix	0	0	0	0	2	0	0	2	0	0	6	0	3	9	0	0	11
Natural gasoline	0	4	4	0	8	215	149	372	56	1,536	151	6	37	1,786	37	9	2,208
Unfractionated stream[1]	0	0	0	0	6	0	0	6	10	134	7	75	0	226	44	0	276
Total	0	12	12	243	118	303	714	1,378	236	2,817	575	93	45	3,766	164	52	5,372
Liquefied refinery gases:																	
Refinery output:																	
Propane and/or propylene:																	
Petrochemical	293	0	293	28	324	0	27	379	0	1,185	142	0	0	1,327	3	228	2,230
Other	959	122	1,081	0	1,500	167	519	2,186	214	1,074	1,427	67	15	2,797	163	815	7,042
Total	1,252	122	1,374	28	1,824	167	546	2,565	214	2,259	1,569	67	15	4,124	166	1,043	9,272
Butane and/or butylene:																	
Petrochemical	85	0	85	0	0	0	0	0	0	112	84	13	0	209	0	15	309
Other	84	21	105	0	10	14	24	48	40	79	70	7	5	201	48	190	592
Total	169	21	190	0	10	14	24	48	40	191	154	20	5	410	48	205	901
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	8	0	0	4	12	0	0	12
Other	0	0	0	0	0	0	0	0	10	5	133	4	9	161	0	13	174
Total	0	0	0	0	0	0	0	0	10	13	133	4	13	173	0	13	186
Isobutane	0	0	0	0	0	0	0	0	14	106	0	0	0	120	1	0	121
Total	1,421	143	1,564	28	1,834	181	570	2,613	278	2,569	1,856	91	33	4,827	215	1,261	10,480
*Stocks at refineries:																	
Propane and/or propylene:																	
Petrochemical	78	0	78	3	126	0	3	132	0	4	0	0	0	4	1	0	215
Other	653	7	660	0	1,224	27	291	1,542	80	1,076	825	6	5	1,992	133	299	4,626
Total	731	7	738	3	1,350	27	294	1,674	80	1,080	825	6	5	1,996	134	299	4,841
Butane and/or butylene:																	
Petrochemical	0	0	0	0	0	0	0	0	0	5	0	0	0	5	0	0	5
Other	24	2	26	0	115	5	66	186	188	26	58	3	13	288	158	599	1,257
Total	24	2	26	0	115	5	66	186	188	31	58	3	13	293	158	599	1,262
Butane-propane mix:																	
Petrochemical	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1
Other	0	0	0	0	0	0	60	60	0	66	4	0	0	70	1	125	256
Total	0	0	0	0	0	0	60	60	0	66	5	0	0	71	1	125	257
Isobutane	0	0	0	0	0	0	0	0	0	8	0	0	0	8	2	0	10
Total	755	9	764	3	1,465	32	420	1,920	268	1,185	888	9	18	2,368	295	1,023	6,370

*Stocks as of December 31, 1980.
[1] Includes plant condensate.
Sources: Forms EIA-87 and EIA-64.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District (Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
All PAD Districts:					
Crude oil[1]	10,620	8,669	6,673	103,908	85,707
Motor gasoline[2]	19	13	4	494	155
Jet fuel:					
Naphtha-type	0	0	0	20	1
Kerosene-type	19	18	34	474	292
Total	19	18	34	494	230
Ethane	(s)	(s)	0	1	0
Liquefied gases:					
Propane	305	313	411	3,617	2,873
Butane	405	371	269	4,209	2,541
Total	710	684	680	7,826	5,414
Kerosene	1	7	3	32	25
Distillate fuel oil	2	2	1	1,238	1,079
Residual fuel oil	1,933	2,645	444	12,232	3,226
Petrochemical feedstocks	752	1,204	1,112	10,542	11,291
Special naphthas	118	268	35	1,797	1,725
Lubricants	610	500	1,007	8,568	8,554
Wax	49	51	104	736	836
Coke	4,414	2,364	4,494	49,872	53,270
Asphalt	8	17	11	247	181
Miscellaneous product	28	22	13	210	163
Total	19,283	16,464	14,615	198,197	171,856
PAD District I:					
Crude oil	249	0	144	1,900	1,432
Motor gasoline	(s)	1	1	11	11
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	(s)	0	0	(s)	1
Total	(s)	0	0	(s)	1
Ethane	0	(s)	0	(s)	0
Liquefied gases:					
Propane	32	42	22	315	202
Butane	34	48	24	336	253
Total	66	90	46	651	455
Kerosene	(s)	2	0	6	8
Distillate fuel oil	(s)	1	1	10	10
Residual fuel oil	(s)	3	0	256	4
Petrochemical feedstocks	52	116	30	653	515
Special naphthas	1	1	2	35	40
Lubricants	219	98	239	2,171	2,224
Wax	5	5	17	65	107
Coke	533	146	342	4,606	3,449
Asphalt	2	13	7	62	92
Miscellaneous products	19	13	11	159	128
Total	1,146	489	840	10,585	8,476
PAD District II:					
Crude oil	3,101	2,802	1,675	30,433	25,192
Motor gasoline	1	4	0	8	6
Jet fuel:					
Naphtha-type	0	0	0	0	0
Kerosene-type	0	0	0	(s)	0
Total	0	0	0	(s)	0
Liquefied gases:					
Propane	5	2	2	132	67
Butane	10	10	5	398	88
Total	15	12	7	530	155
Kerosene	0	1	0	1	1
Distillate fuel oil	0	1	0	4	16
Residual fuel oil	0	0	0	0	56
Petrochemical feedstocks	57	53	23	660	572
Special naphthas	(s)	1	0	14	20
Lubricants	15	17	13	206	193
Wax	1	1	1	14	18
Coke	321	335	348	4,387	4,562
Asphalt	1	2	1	121	16
Miscellaneous products	1	(s)	1	1	4
Total	3,513	3,229	2,069	36,379	30,811

[1] Exports of crude oil are prohibited under normal circumstances. Some crude oil is shipped to Canada in exchange, on a barrel-for-barrel basis, for an equal quantity and quality of crude oil for efficiencies of transportation. Shipments of crude oil to Puerto Rico and the Virgin Islands are not prohibited because these territories are U.S. possessions.

[2] Exports of "Aviation gasoline" are included with "Motor gasoline."

(s) Less than 500 barrels.

Table 24. Exports of Crude Oil and Petroleum Products, Including Shipments to Puerto Rico, the Virgin Islands, and the Pacific Territories, by PAD District - Continued (Thousand Barrels)

Item	December 1980	November 1980	December 1979	January-December (Incl.)	
				1980	1979
PAD District III:					
Crude oil	0	0	0	3,327	0
Motor gasoline	0	(s)	0	197	2
Jet fuel:					
Naphtha-type	0	0	0	20	0
Kerosene-type	(s)	(s)	0	(s)	2
Total	(s)	(s)	0	20	2
Ethane	(s)	(s)	0	(s)	0
Liquefied gases:					
Propane	196	212	266	2,172	1,443
Butane	283	244	214	2,781	2,003
Total	479	456	480	4,953	3,446
Kerosene	1	1	1	5	5
Distillate fuel oil	1	(s)	0	1,113	1
Residual fuel oil	685	1,067	0	5,760	0
Petrochemical feedstocks	397	739	847	7,443	7,753
Special naphthas	114	263	30	1,712	1,635
Lubricants	320	322	695	5,213	5,376
Wax	39	41	78	584	632
Coke	2,131	528	1,738	18,931	21,376
Asphalt	(s)	1	1	32	21
Miscellaneous products	5	6	1	37	31
Total	4,172	3,424	3,871	49,327	40,280
PAD District IV:					
Crude oil	0	0	159	329	887
Liquefied gases:					
Propane	(s)	1	0	1	2
Butane	(s)	0	0	(s)	2
Total	(s)	1	0	1	4
Kerosene	0	0	0	0	0
Petrochemical feedstocks	(s)	1	1	7	2
Special naphthas	0	0	0	(s)	0
Lubricants	1	1	1	14	9
Coke	0	0	0	0	0
Asphalt	(s)	(s)	0	5	5
Miscellaneous products	(s)	0	0	(s)	0
Total	1	3	161	356	907
PAD District V:					
Crude oil	7,270	5,867	4,695	67,919	58,196
Motor gasoline	18	8	3	278	136
Jet fuel:					
Naphtha-type	0	0	0	0	1
Kerosene-type	19	18	34	474	226
Total	19	18	34	474	227
Ethane	0	(s)	0	1	0
Liquefied gases:					
Propane	72	56	121	997	1,159
Butane	78	69	26	694	195
Total	150	125	147	1,691	1,354
Kerosene	0	3	2	20	11
Distillate fuel oil	1	(s)	0	111	1,052
Residual fuel oil	1,248	1,575	444	6,216	3,166
Petrochemical feedstocks	246	295	211	1,779	2,449
Special naphthas	3	3	3	36	30
Lubricants	55	62	59	964	752
Wax	4	4	8	73	79
Coke	1,429	1,355	2,066	21,948	23,883
Asphalt	5	1	2	27	47
Miscellaneous products	3	3	0	13	0
Total	10,451	9,319	7,674	101,550	91,382

(s) Less than 500 barrels.

Sources: Form EIA-87 and Bureau of Census publications EM 522 and EM 594.

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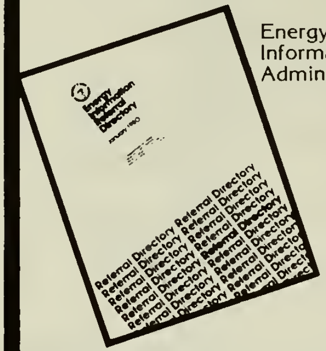

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